n41	50	30	2664.99	CP	64QAM	Edge_1RB_Right	19.2	19.17	22.20	23.30
n41	50	30	2664.99	CP	64QAM	Outer_Full	19.56	19.51	22.54	23.64
n41	50	30	2664.99	CP	256QAM	Inner_Full	16.73	16.62	19.68	20.78
n41	50	30	2664.99	CP	256QAM	Edge_1RB_Left	16.91	16.69	19.81	20.91
n41	50	30	2664.99	CP	256QAM	Edge_1RB_Right	16.91	16.77	19.85	20.95
n41	50	30	2664.99	CP	256QAM	Outer_Full	16.59	16.62	19.61	20.71
n41	60	30	2526	CP	QPSK	Inner_Full	21.45	21.18	24.33	25.43
n41	60	30	2526	CP	QPSK	Edge_1RB_Left	19.26	19.15	22.21	23.31
n41	60	30	2526	CP	QPSK	Edge_1RB_Right	19.49	19.42	22.47	23.57
n41	60	30	2526	CP	QPSK	Outer_Full	19.91	19.64	22.79	23.89
n41	60	30	2526	CP	16QAM	Inner_Full	20.93	20.68	23.82	24.92
n41	60	30	2526	CP	16QAM	Edge_1RB_Left	19.27	19.29	22.29	23.39
n41	60	30	2526	CP	16QAM	Edge_1RB_Right	19.57	19.59	22.59	23.69
n41	60	30	2526	CP	16QAM	Outer_Full	19.91	19.71	22.82	23.92
n41	60	30	2526	CP	64QAM	Inner_Full	19.5	19.22	22.37	23.47
n41	60	30	2526	CP	64QAM	Edge_1RB_Left	18.91	18.87	21.90	23.00
n41	60	30	2526	CP	64QAM	Edge_1RB_Right	19.06	19.13	22.11	23.21
n41	60	30	2526	CP	64QAM	Outer_Full	19.44	19.26	22.36	23.46
n41	60	30	2526	CP	256QAM	Inner_Full	16.43	16.22	19.33	20.43
n41	60	30	2526	CP	256QAM	Edge_1RB_Left	16.46	16.28	19.38	20.48
n41	60	30	2526	CP	256QAM	Edge_1RB_Right	16.59	16.48	19.55	20.65
n41	60	30	2526	CP	256QAM	Outer_Full	16.43	16.22	19.34	20.44
n41	60	30	2592.99	CP	QPSK	Inner_Full	21.44	21.59	24.53	25.63
n41	60	30	2592.99	CP	QPSK	Edge_1RB_Left	19.41	19.45	22.44	23.54
n41	60	30	2592.99	CP	QPSK	Edge_1RB_Right	19.56	19.64	22.61	23.71
n41	60	30	2592.99	CP	QPSK	Outer_Full	19.96	20.04	23.01	24.11
n41	60	30	2592.99	CP	16QAM	Inner_Full	20.95	21.07	24.02	25.12
n41	60	30	2592.99	CP	16QAM	Edge_1RB_Left	19.48	19.73	22.62	23.72
n41	60	30	2592.99	CP	16QAM	Edge_1RB_Right	19.54	19.45	22.51	23.61
n41	60	30	2592.99	CP	16QAM	Outer_Full	19.87	19.94	22.92	24.02
n41	60	30	2592.99	CP	64QAM	Inner_Full	19.43	19.51	22.48	23.58
n41	60	30	2592.99	CP	64QAM	Edge_1RB_Left	19.21	19.16	22.20	23.30
n41	60	30	2592.99	CP	64QAM	Edge_1RB_Right	19.13	19.11	22.13	23.23
n41	60	30	2592.99	CP	64QAM	Outer_Full	19.41	19.49	22.46	23.56
n41	60	30	2592.99	CP	256QAM	Inner_Full	16.53	16.6	19.57	20.67
n41	60	30	2592.99	CP	256QAM	Edge_1RB_Left	16.61	16.47	19.55	20.65
n41	60	30	2592.99	CP	256QAM	Edge_1RB_Right	16.72	16.55	19.64	20.74
n41	60	30	2592.99	CP	256QAM	Outer_Full	16.43	16.51	19.48	20.58
n41	60	30	2659.98	CP	QPSK	Inner_Full	21.55	21.31	24.44	25.54
n41	60	30	2659.98	CP	QPSK	Edge_1RB_Left	19.47	19.39	22.44	23.54
n41	60	30	2659.98	CP	QPSK	Edge_1RB_Right	19.62	19.44	22.54	23.64

n41	60	30	2659.98	CP	QPSK	Outer_Full	20.06	19.88	22.98	24.08
n41	60	30	2659.98	CP	16QAM	Inner_Full	21.05	20.86	23.97	25.07
n41	60	30	2659.98	CP	16QAM	Edge_1RB_Left	19.61	19.47	22.55	23.65
n41	60	30	2659.98	CP	16QAM	Edge_1RB_Right	19.6	19.53	22.58	23.68
n41	60	30	2659.98	CP	16QAM	Outer_Full	19.98	19.89	22.94	24.04
n41	60	30	2659.98	CP	64QAM	Inner_Full	19.58	19.4	22.50	23.60
n41	60	30	2659.98	CP	64QAM	Edge_1RB_Left	19	18.82	21.92	23.02
n41	60	30	2659.98	CP	64QAM	Edge_1RB_Right	19.06	18.95	22.01	23.11
n41	60	30	2659.98	CP	64QAM	Outer_Full	19.46	19.37	22.43	23.53
n41	60	30	2659.98	CP	256QAM	Inner_Full	16.58	16.5	19.55	20.65
n41	60	30	2659.98	CP	256QAM	Edge_1RB_Left	16.66	16.48	19.58	20.68
n41	60	30	2659.98	CP	256QAM	Edge_1RB_Right	16.77	16.6	19.70	20.80
n41	60	30	2659.98	CP	256QAM	Outer_Full	16.55	16.41	19.49	20.59
n41	70	30	2531.01	CP	QPSK	Inner_Full	21.69	21.38	24.55	25.65
n41	70	30	2531.01	CP	QPSK	Edge_1RB_Left	19.35	19.4	22.39	23.49
n41	70	30	2531.01	CP	QPSK	Edge_1RB_Right	19.64	19.61	22.64	23.74
n41	70	30	2531.01	CP	QPSK	Outer_Full	20.13	19.98	23.07	24.17
n41	70	30	2531.01	CP	16QAM	Inner_Full	21.22	20.9	24.08	25.18
n41	70	30	2531.01	CP	16QAM	Edge_1RB_Left	19.26	19.43	22.36	23.46
n41	70	30	2531.01	CP	16QAM	Edge_1RB_Right	19.51	19.51	22.52	23.62
n41	70	30	2531.01	CP	16QAM	Outer_Full	20.14	19.96	23.06	24.16
n41	70	30	2531.01	CP	64QAM	Inner_Full	19.62	19.38	22.51	23.61
n41	70	30	2531.01	CP	64QAM	Edge_1RB_Left	19.04	19.08	22.07	23.17
n41	70	30	2531.01	CP	64QAM	Edge_1RB_Right	19.31	19.12	22.23	23.33
n41	70	30	2531.01	CP	64QAM	Outer_Full	19.63	19.52	22.59	23.69
n41	70	30	2531.01	CP	256QAM	Inner_Full	16.63	16.56	19.60	20.70
n41	70	30	2531.01	CP	256QAM	Edge_1RB_Left	16.63	16.46	19.56	20.66
n41	70	30	2531.01	CP	256QAM	Edge_1RB_Right	16.82	16.58	19.71	20.81
n41	70	30	2531.01	CP	256QAM	Outer_Full	16.71	16.5	19.61	20.71
n41	70	30	2592.99	CP	QPSK	Inner_Full	21.55	21.63	24.60	25.70
n41	70	30	2592.99	CP	QPSK	Edge_1RB_Left	19.47	19.59	22.54	23.64
n41	70	30	2592.99	CP	QPSK	Edge_1RB_Right	19.46	19.45	22.47	23.57
n41	70	30	2592.99	CP	QPSK	Outer_Full	20.03	20.15	23.10	24.20
n41	70	30	2592.99	CP	16QAM	Inner_Full	21.04	21.15	24.10	25.20
n41	70	30	2592.99	CP	16QAM	Edge_1RB_Left	19.27	19.56	22.43	23.53
n41	70	30	2592.99	CP	16QAM	Edge_1RB_Right	19.55	19.42	22.50	23.60
n41	70	30	2592.99	CP	16QAM	Outer_Full	20.01	20.08	23.06	24.16
n41	70	30	2592.99	CP	64QAM	Inner_Full	19.6	19.67	22.65	23.75
n41	70	30	2592.99	CP	64QAM	Edge_1RB_Left	19.04	19.14	22.10	23.20
n41	70	30	2592.99	CP	64QAM	Edge_1RB_Right	19.21	18.99	22.11	23.21
n41	70	30	2592.99	CP	64QAM	Outer_Full	19.53	19.58	22.56	23.66

n41	70	30	2592.99	CP	256QAM	Inner_Full	16.61	16.71	19.67	20.77
n41	70	30	2592.99	CP	256QAM	Edge_1RB_Left	16.6	16.69	19.66	20.76
n41	70	30	2592.99	CP	256QAM	Edge_1RB_Right	16.79	16.61	19.71	20.81
n41	70	30	2592.99	CP	256QAM	Outer_Full	16.52	16.56	19.55	20.65
n41	70	30	2655	CP	QPSK	Inner_Full	21.62	21.4	24.52	25.62
n41	70	30	2655	CP	QPSK	Edge_1RB_Left	19.55	19.21	22.40	23.50
n41	70	30	2655	CP	QPSK	Edge_1RB_Right	19.43	19.48	22.47	23.57
n41	70	30	2655	CP	QPSK	Outer_Full	20.12	19.82	22.98	24.08
n41	70	30	2655	CP	16QAM	Inner_Full	21.16	20.85	24.02	25.12
n41	70	30	2655	CP	16QAM	Edge_1RB_Left	19.54	19.3	22.44	23.54
n41	70	30	2655	CP	16QAM	Edge_1RB_Right	19.77	19.47	22.63	23.73
n41	70	30	2655	CP	16QAM	Outer_Full	20.1	19.86	22.99	24.09
n41	70	30	2655	CP	64QAM	Inner_Full	19.72	19.35	22.55	23.65
n41	70	30	2655	CP	64QAM	Edge_1RB_Left	18.99	18.86	21.94	23.04
n41	70	30	2655	CP	64QAM	Edge_1RB_Right	19.01	18.97	22.00	23.10
n41	70	30	2655	CP	64QAM	Outer_Full	19.5	19.35	22.44	23.54
n41	70	30	2655	CP	256QAM	Inner_Full	16.7	16.46	19.59	20.69
n41	70	30	2655	CP	256QAM	Edge_1RB_Left	16.65	16.42	19.55	20.65
n41	70	30	2655	CP	256QAM	Edge_1RB_Right	16.79	16.54	19.68	20.78
n41	70	30	2655	CP	256QAM	Outer_Full	16.64	16.43	19.55	20.65
n41	80	30	2536.02	CP	QPSK	Inner_Full	21.59	21.31	24.46	25.56
n41	80	30	2536.02	CP	QPSK	Edge_1RB_Left	19.44	19.45	22.46	23.56
n41	80	30	2536.02	CP	QPSK	Edge_1RB_Right	19.73	19.49	22.62	23.72
n41	80	30	2536.02	CP	QPSK	Outer_Full	20.04	19.77	22.92	24.02
n41	80	30	2536.02	CP	16QAM	Inner_Full	21.1	20.79	23.96	25.06
n41	80	30	2536.02	CP	16QAM	Edge_1RB_Left	19.5	19.32	22.42	23.52
n41	80	30	2536.02	CP	16QAM	Edge_1RB_Right	19.76	19.63	22.71	23.81
n41	80	30	2536.02	CP	16QAM	Outer_Full	20.07	19.78	22.94	24.04
n41	80	30	2536.02	CP	64QAM	Inner_Full	19.59	19.29	22.45	23.55
n41	80	30	2536.02	CP	64QAM	Edge_1RB_Left	19.04	18.95	22.01	23.11
n41	80	30	2536.02	CP	64QAM	Edge_1RB_Right	19.37	19.14	22.27	23.37
n41	80	30	2536.02	CP	64QAM	Outer_Full	19.65	19.32	22.50	23.60
n41	80	30	2536.02	CP	256QAM	Inner_Full	16.64	16.4	19.53	20.63
n41	80	30	2536.02	CP	256QAM	Edge_1RB_Left	16.53	16.4	19.48	20.58
n41	80	30	2536.02	CP	256QAM	Edge_1RB_Right	16.8	16.69	19.76	20.86
n41	80	30	2536.02	CP	256QAM	Outer_Full	16.58	16.39	19.50	20.60
n41	80	30	2592.99	CP	QPSK	Inner_Full	21.53	21.57	24.56	25.66
n41	80	30	2592.99	CP	QPSK	Edge_1RB_Left	19.48	19.53	22.52	23.62
n41	80	30	2592.99	CP	QPSK	Edge_1RB_Right	19.8	19.48	22.65	23.75
n41	80	30	2592.99	CP	QPSK	Outer_Full	20.05	19.96	23.02	24.12
n41	80	30	2592.99	CP	16QAM	Inner_Full	21.08	21.06	24.08	25.18

n41	80	30	2592.99	CP	16QAM	Edge_1RB_Left	19.76	19.63	22.71	23.81
n41	80	30	2592.99	CP	16QAM	Edge_1RB_Right	19.75	19.41	22.59	23.69
n41	80	30	2592.99	CP	16QAM	Outer_Full	19.98	20.01	23.01	24.11
n41	80	30	2592.99	CP	64QAM	Inner_Full	19.56	19.59	22.59	23.69
n41	80	30	2592.99	CP	64QAM	Edge_1RB_Left	19.03	19	22.03	23.13
n41	80	30	2592.99	CP	64QAM	Edge_1RB_Right	19.53	19.09	22.33	23.43
n41	80	30	2592.99	CP	64QAM	Outer_Full	19.42	19.53	22.49	23.59
n41	80	30	2592.99	CP	256QAM	Inner_Full	16.5	16.65	19.59	20.69
n41	80	30	2592.99	CP	256QAM	Edge_1RB_Left	16.78	16.77	19.79	20.89
n41	80	30	2592.99	CP	256QAM	Edge_1RB_Right	16.88	16.65	19.78	20.88
n41	80	30	2592.99	CP	256QAM	Outer_Full	16.53	16.52	19.54	20.64
n41	80	30	2649.99	CP	QPSK	Inner_Full	21.66	21.44	24.56	25.66
n41	80	30	2649.99	CP	QPSK	Edge_1RB_Left	19.5	19.39	22.45	23.55
n41	80	30	2649.99	CP	QPSK	Edge_1RB_Right	19.87	19.36	22.64	23.74
n41	80	30	2649.99	CP	QPSK	Outer_Full	20.11	19.89	23.01	24.11
n41	80	30	2649.99	CP	16QAM	Inner_Full	21.19	20.9	24.06	25.16
n41	80	30	2649.99	CP	16QAM	Edge_1RB_Left	19.38	19.28	22.34	23.44
n41	80	30	2649.99	CP	16QAM	Edge_1RB_Right	19.81	19.6	22.72	23.82
n41	80	30	2649.99	CP	16QAM	Outer_Full	20.02	19.87	22.96	24.06
n41	80	30	2649.99	CP	64QAM	Inner_Full	19.73	19.48	22.61	23.71
n41	80	30	2649.99	CP	64QAM	Edge_1RB_Left	19.15	19.07	22.12	23.22
n41	80	30	2649.99	CP	64QAM	Edge_1RB_Right	19.42	19.04	22.25	23.35
n41	80	30	2649.99	CP	64QAM	Outer_Full	19.54	19.44	22.50	23.60
n41	80	30	2649.99	CP	256QAM	Inner_Full	16.69	16.53	19.62	20.72
n41	80	30	2649.99	CP	256QAM	Edge_1RB_Left	16.65	16.45	19.57	20.67
n41	80	30	2649.99	CP	256QAM	Edge_1RB_Right	16.77	16.66	19.73	20.83
n41	80	30	2649.99	CP	256QAM	Outer_Full	16.52	16.46	19.50	20.60
n41	90	30	2541	CP	QPSK	Inner_Full	21.56	21.34	24.46	25.56
n41	90	30	2541	CP	QPSK	Edge_1RB_Left	19.45	19.23	22.35	23.45
n41	90	30	2541	CP	QPSK	Edge_1RB_Right	19.62	19.59	22.62	23.72
n41	90	30	2541	CP	QPSK	Outer_Full	20.16	19.89	23.03	24.13
n41	90	30	2541	CP	16QAM	Inner_Full	21.1	20.86	23.99	25.09
n41	90	30	2541	CP	16QAM	Edge_1RB_Left	19.66	19.51	22.59	23.69
n41	90	30	2541	CP	16QAM	Edge_1RB_Right	19.61	19.9	22.76	23.86
n41	90	30	2541	CP	16QAM	Outer_Full	20.01	19.93	22.98	24.08
n41	90	30	2541	CP	64QAM	Inner_Full	19.63	19.41	22.53	23.63
n41	90	30	2541	CP	64QAM	Edge_1RB_Left	19.07	19	22.05	23.15
n41	90	30	2541	CP	64QAM	Edge_1RB_Right	19.26	19.21	22.25	23.35
n41	90	30	2541	CP	64QAM	Outer_Full	19.61	19.38	22.50	23.60
n41	90	30	2541	CP	256QAM	Inner_Full	16.64	16.5	19.58	20.68
n41	90	30	2541	CP	256QAM	Edge_1RB_Left	16.5	16.33	19.43	20.53

n41	90	30	2541	CP	256QAM	Edge_1RB_Right	16.78	16.65	19.72	20.82
n41	90	30	2541	CP	256QAM	Outer_Full	16.57	16.44	19.52	20.62
n41	90	30	2592.99	CP	QPSK	Inner_Full	21.5	21.59	24.55	25.65
n41	90	30	2592.99	CP	QPSK	Edge_1RB_Left	19.61	19.48	22.56	23.66
n41	90	30	2592.99	CP	QPSK	Edge_1RB_Right	19.73	19.49	22.62	23.72
n41	90	30	2592.99	CP	QPSK	Outer_Full	20.03	20.06	23.05	24.15
n41	90	30	2592.99	CP	16QAM	Inner_Full	21.01	21.08	24.05	25.15
n41	90	30	2592.99	CP	16QAM	Edge_1RB_Left	19.48	19.59	22.55	23.65
n41	90	30	2592.99	CP	16QAM	Edge_1RB_Right	19.73	19.48	22.62	23.72
n41	90	30	2592.99	CP	16QAM	Outer_Full	19.94	20.04	23.00	24.10
n41	90	30	2592.99	CP	64QAM	Inner_Full	19.5	19.6	22.56	23.66
n41	90	30	2592.99	CP	64QAM	Edge_1RB_Left	19.19	19.08	22.15	23.25
n41	90	30	2592.99	CP	64QAM	Edge_1RB_Right	19.33	18.95	22.15	23.25
n41	90	30	2592.99	CP	64QAM	Outer_Full	19.45	19.5	22.48	23.58
n41	90	30	2592.99	CP	256QAM	Inner_Full	16.53	16.64	19.60	20.70
n41	90	30	2592.99	CP	256QAM	Edge_1RB_Left	16.66	16.69	19.69	20.79
n41	90	30	2592.99	CP	256QAM	Edge_1RB_Right	16.86	16.55	19.72	20.82
n41	90	30	2592.99	CP	256QAM	Outer_Full	16.5	16.52	19.52	20.62
n41	90	30	2644.98	CP	QPSK	Inner_Full	21.74	21.51	24.63	25.73
n41	90	30	2644.98	CP	QPSK	Edge_1RB_Left	19.48	19.49	22.50	23.60
n41	90	30	2644.98	CP	QPSK	Edge_1RB_Right	19.6	19.31	22.47	23.57
n41	90	30	2644.98	CP	QPSK	Outer_Full	20.08	20.02	23.06	24.16
n41	90	30	2644.98	CP	16QAM	Inner_Full	21.25	21	24.14	25.24
n41	90	30	2644.98	CP	16QAM	Edge_1RB_Left	19.59	19.78	22.69	23.79
n41	90	30	2644.98	CP	16QAM	Edge_1RB_Right	19.6	19.53	22.58	23.68
n41	90	30	2644.98	CP	16QAM	Outer_Full	20.13	19.93	23.04	24.14
n41	90	30	2644.98	CP	64QAM	Inner_Full	19.76	19.58	22.68	23.78
n41	90	30	2644.98	CP	64QAM	Edge_1RB_Left	19.13	19.2	22.17	23.27
n41	90	30	2644.98	CP	64QAM	Edge_1RB_Right	19.24	18.93	22.10	23.20
n41	90	30	2644.98	CP	64QAM	Outer_Full	19.59	19.49	22.55	23.65
n41	90	30	2644.98	CP	256QAM	Inner_Full	16.83	16.59	19.72	20.82
n41	90	30	2644.98	CP	256QAM	Edge_1RB_Left	16.57	16.57	19.58	20.68
n41	90	30	2644.98	CP	256QAM	Edge_1RB_Right	16.96	16.6	19.80	20.90
n41	90	30	2644.98	CP	256QAM	Outer_Full	16.54	16.54	19.55	20.65
n41	100	30	2546.01	CP	QPSK	Inner_Full	21.45	21.11	24.30	25.40
n41	100	30	2546.01	CP	QPSK	Edge_1RB_Left	19.25	19.12	22.20	23.30
n41	100	30	2546.01	CP	QPSK	Edge_1RB_Right	19.36	19.44	22.41	23.51
n41	100	30	2546.01	CP	QPSK	Outer_Full	19.95	19.73	22.85	23.95
n41	100	30	2546.01	CP	16QAM	Inner_Full	21.04	20.7	23.88	24.98
n41	100	30	2546.01	CP	16QAM	Edge_1RB_Left	19.49	19.25	22.38	23.48
n41	100	30	2546.01	CP	16QAM	Edge_1RB_Right	19.55	19.45	22.51	23.61

n41	100	30	2546.01	CP	16QAM	Outer_Full	19.92	19.72	22.83	23.93
n41	100	30	2546.01	CP	64QAM	Inner_Full	19.41	19.18	22.31	23.41
n41	100	30	2546.01	CP	64QAM	Edge_1RB_Left	18.95	18.74	21.86	22.96
n41	100	30	2546.01	CP	64QAM	Edge_1RB_Right	19.28	19.12	22.21	23.31
n41	100	30	2546.01	CP	64QAM	Outer_Full	19.49	19.27	22.39	23.49
n41	100	30	2546.01	CP	256QAM	Inner_Full	16.51	16.34	19.43	20.53
n41	100	30	2546.01	CP	256QAM	Edge_1RB_Left	16.35	16.1	19.24	20.34
n41	100	30	2546.01	CP	256QAM	Edge_1RB_Right	16.7	16.57	19.64	20.74
n41	100	30	2546.01	CP	256QAM	Outer_Full	16.53	16.33	19.44	20.54
n41	100	30	2592.99	CP	QPSK	Inner_Full	21.4	21.36	24.39	25.49
n41	100	30	2592.99	CP	QPSK	Edge_1RB_Left	19.4	19.4	22.41	23.51
n41	100	30	2592.99	CP	QPSK	Edge_1RB_Right	19.54	19.45	22.51	23.61
n41	100	30	2592.99	CP	QPSK	Outer_Full	19.95	19.84	22.90	24.00
n41	100	30	2592.99	CP	16QAM	Inner_Full	20.92	20.96	23.95	25.05
n41	100	30	2592.99	CP	16QAM	Edge_1RB_Left	19.63	19.63	22.64	23.74
n41	100	30	2592.99	CP	16QAM	Edge_1RB_Right	19.85	19.55	22.71	23.81
n41	100	30	2592.99	CP	16QAM	Outer_Full	19.89	19.87	22.89	23.99
n41	100	30	2592.99	CP	64QAM	Inner_Full	19.48	19.49	22.50	23.60
n41	100	30	2592.99	CP	64QAM	Edge_1RB_Left	19.16	18.95	22.06	23.16
n41	100	30	2592.99	CP	64QAM	Edge_1RB_Right	19.31	18.83	22.09	23.19
n41	100	30	2592.99	CP	64QAM	Outer_Full	19.38	19.35	22.38	23.48
n41	100	30	2592.99	CP	256QAM	Inner_Full	16.43	16.49	19.47	20.57
n41	100	30	2592.99	CP	256QAM	Edge_1RB_Left	16.68	16.45	19.58	20.68
n41	100	30	2592.99	CP	256QAM	Edge_1RB_Right	16.72	16.56	19.65	20.75
n41	100	30	2592.99	CP	256QAM	Outer_Full	16.46	16.4	19.44	20.54
n41	100	30	2640	CP	QPSK	Inner_Full	21.55	21.26	24.42	25.52
n41	100	30	2640	CP	QPSK	Edge_1RB_Left	19.32	19.39	22.37	23.47
n41	100	30	2640	CP	QPSK	Edge_1RB_Right	19.58	19.45	22.53	23.63
n41	100	30	2640	CP	QPSK	Outer_Full	20.06	19.88	22.98	24.08
n41	100	30	2640	CP	16QAM	Inner_Full	21.09	20.84	23.98	25.08
n41	100	30	2640	CP	16QAM	Edge_1RB_Left	19.35	19.4	22.39	23.49
n41	100	30	2640	CP	16QAM	Edge_1RB_Right	19.41	19.42	22.42	23.52
n41	100	30	2640	CP	16QAM	Outer_Full	19.96	19.83	22.90	24.00
n41	100	30	2640	CP	64QAM	Inner_Full	19.52	19.38	22.46	23.56
n41	100	30	2640	CP	64QAM	Edge_1RB_Left	19.01	19.11	22.07	23.17
n41	100	30	2640	CP	64QAM	Edge_1RB_Right	19.19	19.04	22.12	23.22
n41	100	30	2640	CP	64QAM	Outer_Full	19.48	19.33	22.41	23.51
n41	100	30	2640	CP	256QAM	Inner_Full	16.69	16.41	19.56	20.66
n41	100	30	2640	CP	256QAM	Edge_1RB_Left	16.51	16.45	19.49	20.59
n41	100	30	2640	CP	256QAM	Edge_1RB_Right	16.79	16.56	19.69	20.79
n41	100	30	2640	CP	256QAM	Outer_Full	16.58	16.34	19.47	20.57

Note: The maximum value of expanded measurement uncertainty for this test item is U = 0.668 dB, k = 2.

A.2 Emission Limit

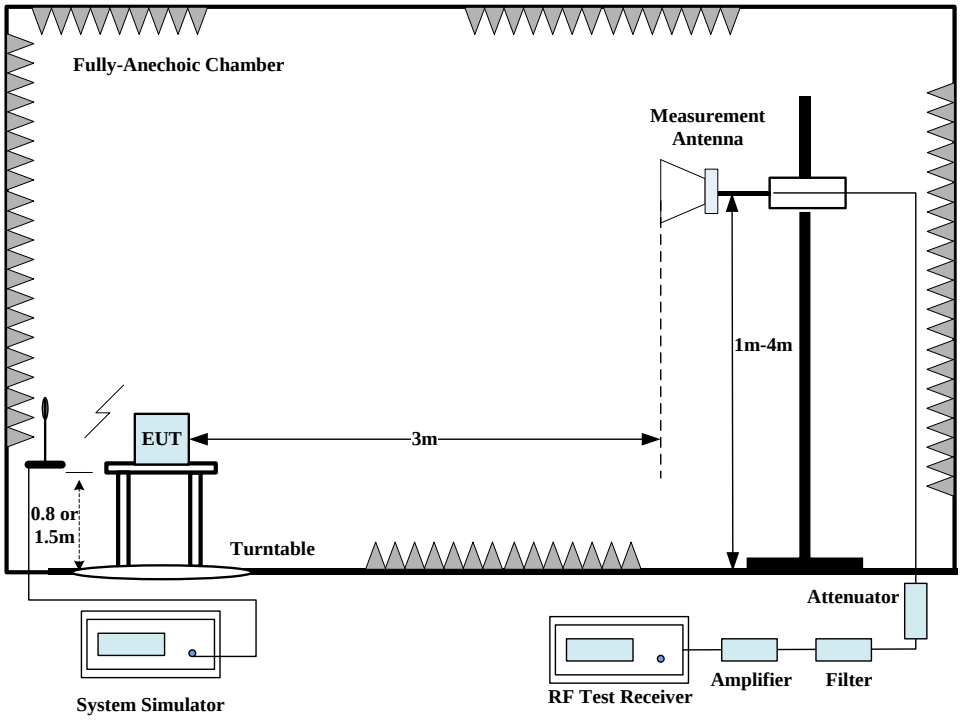
A.2.1 Measurement Method

The measurement procedures in TIA-603E-2016 are used.

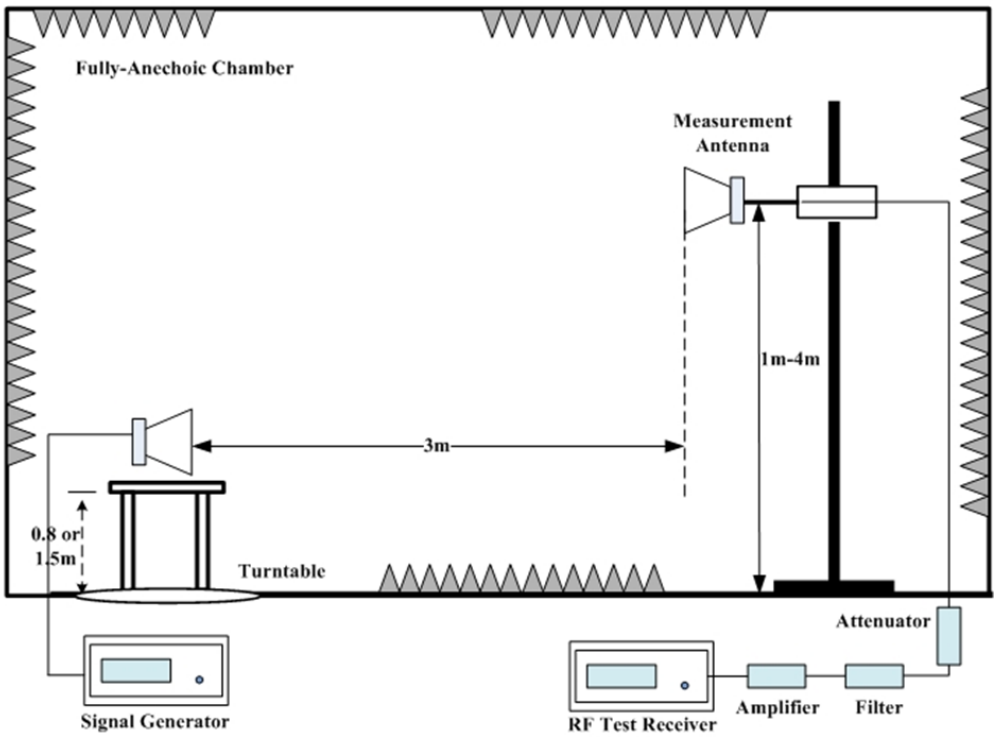
The spectrum was scanned from 30 MHz to the lower of the 10th harmonic of the highest fundamental frequency and 40GHz. The spectrum was scanned with the mobile station transmitting at carrier frequencies that pertain to low, mid and high channels of each NR Band.

The procedure of radiated spurious emissions is as follows:

For measurements performed at frequencies less than or equal to 1 GHz, the EUT was placed on a 80cm-high non-conductive support; For measurements performed at frequencies above 1GHz,EUT was placed on a 1.5-meter-high non-conductive support. A measurement antenna was placed on the antenna mast 3 meters from the EUT for emission measurements. In the initial test, the height of the measurement antenna was varied from 1 m to 4 m for the relative positioning that produces the maximum radiated signal level. The test setup refers to figure below. Detected emissions were maximized at each frequency by rotating the EUT through 360° and adjusting the receiving antenna polarization. The radiated emission measurements of all non-harmonic and harmonics of the transmit frequency through the 10th harmonic were measured with peak detector.



1. The EUT is then put into continuously transmitting mode at its maximum power level during the test. And the maximum value of the receiver should be recorded as (Pr).
2. The EUT shall be replaced by a substitution antenna. The test setup refers to figure below.



In the chamber, a substitution antenna for the frequency band of interest is placed at the reference point of the chamber. An RF Signal source for the frequency band of interest is connected to the substitution antenna with a cable that has been constructed to not interfere with the radiation pattern of the antenna. The height of measurement antenna varied between 1 m to 4 m to maximize the received signal amplitude for each emission that was detected and measured in the initial test. A power (P_{Mea}) is applied to the input of the substitution antenna and adjusts the level of the signal generator output until the value of the receiver reach the previously recorded (P_r). The power of signal source (P_{Mea}) is recorded. The test was performed with the measurement antenna in both vertical and horizontal polarization.

3. The Path loss (P_{pl}) between the Signal Source and the Substitution Antenna and the Substitution Antenna Gain (G_a) were recorded after test.A amplifier was connected in for the test. The Path loss (P_{pl}) is the summation of the cable loss and the gain of the amplifier.
4. The measurement results are obtained as described below:

$$\text{Power (EIRP)} = P_{Mea} - P_{pl} + G_a$$

This value is EIRP since the measurement is calibrated using an antenna of known gain (2.15 dBi) and known input power.ERP can be calculated from EIRP by subtracting the gain of the dipole, ERP = EIRP -2.15dBi.

A.2.2 Measurement Limit

NR Band n2/25: Part 24.238 specify that the power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log(P) dB.

NR Band n12: Part 27.53(g) states for operations in the 600 MHz band and the 698–746 MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at least 43 + 10 log (P) dB. Compliance with this provision is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kilohertz or greater. However, in the 100 kilohertz bands immediately outside and adjacent to a licensee's frequency block, a resolution bandwidth of at least 30 kHz may be employed.

NR Band n5: Part 22.917 specify that the power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log(P) dB.

NR Band n7/n38/n41: Part 27.53(m) specifies for mobile digital stations, the attenuation factor shall be not less than 40 + 10 log (P) dB on all frequencies between the channel edge and 5 megahertz from the channel edge, 43 + 10 log (P) dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and 55 + 10 log (P) dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less that 43 + 10 log (P) dB on all frequencies between 2490.5 MHz and 2496 MHz and 55 + 10 log (P) dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.

NR Band n4/66: Part 27.53(h) specify that the power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log(P) dB.

A.2.3 Measurement Results

Radiated emissions measurements were made only at the upper, middle, and lower carrier frequencies of each NR Band. It was decided that measurements at these three carrier frequencies would be sufficient to demonstrate compliance with emissions limits because it was seen that all the significant spurs occur well outside the band and no radiation was seen from a carrier in one block of each NR Band into any of the other blocks. The equipment must still, however, meet emissions requirements with the carrier at all frequencies over which it is capable of operating and it is the manufacturer's responsibility to verify this. The range of evaluated frequency is from 30MHz to 40GHz.

Note 1: All EN-DC UL bands have been tested, but only the worst cases were reported in this report.

Note 2: Both of Vertical and Horizontal polarizations are evaluated, but only the worst cases were reported in this report.

A.2.4 Measurement Results Table

Frequency	Channel	Frequency Range	Result
NR Bands	Low	9kHz-26GHz	Pass
	Middle	9kHz-26GHz	Pass
	High	9kHz-26GHz	Pass

A.2.5 Sweep Table

Subrange	RBW	VBW
9~150 kHz	0.2kHz	0.6kHz
150kHz~30MHz	9kHz	27kHz
30MHz~1 GHz	100KHz	300KHz
1~20 GHz	1 MHz	3 MHz

A.2.6 Measurement Result

SA_n7, CH500500,QPSK

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
5009.00	-59.49	5.13	11.35	-53.27	-25.00	28.27	H
7516.00	-49.82	7.71	10.23	-47.30	-25.00	22.30	V
10011.50	-48.97	9.35	11.79	-46.53	-25.00	21.53	V
12505.00	-48.37	12.36	13.58	-47.15	-25.00	22.15	V
15001.00	-46.30	14.76	14.60	-46.46	-25.00	21.46	H
17506.50	-34.23	19.72	13.11	-40.84	-25.00	15.84	H

SA_n7, CH507000,QPSK

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
5065.50	-59.07	5.32	11.60	-52.79	-25.00	27.79	H
7609.50	-51.34	6.58	10.32	-47.60	-25.00	22.60	H
10137.00	-51.20	8.96	11.77	-48.39	-25.00	23.39	V
12687.50	-48.67	11.75	13.12	-47.30	-25.00	22.30	V
15213.00	-45.90	15.70	15.03	-46.57	-25.00	21.57	V
17752.00	-37.17	19.56	13.45	-43.28	-25.00	18.28	H

SA_n7, CH513500,QPSK

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
5128.50	-59.74	5.57	11.60	-53.71	-25.00	28.71	H
7689.50	-53.59	6.68	10.56	-49.71	-25.00	24.71	H
10268.00	-47.45	10.78	11.90	-46.33	-25.00	21.33	V
12843.50	-46.84	13.00	12.91	-46.93	-25.00	21.93	V
15401.50	-47.19	14.89	15.40	-46.68	-25.00	21.68	H
17984.50	-35.67	19.97	13.43	-42.21	-25.00	17.21	H

SA_n12, CH140300,QPSK

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Correction	Peak ERP (dBm)	Limit (dBm)	Margin (dB)	Polarization
1416.00	-56.07	3.26	5.06	2.15	-56.42	-13.00	43.42	H
2114.50	-48.33	4.21	4.94	2.15	-49.75	-13.00	36.75	V
2806.50	-44.95	4.92	6.65	2.15	-45.37	-13.00	32.37	H
3516.50	-55.27	5.55	8.22	2.15	-54.75	-13.00	41.75	H
4204.50	-53.99	6.22	9.10	2.15	-53.26	-13.00	40.26	H
4896.50	-54.33	6.73	9.80	2.15	-53.41	-13.00	40.41	H

SA_n12, CH141500,QPSK

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Correction	Peak ERP (dBm)	Limit (dBm)	Margin (dB)	Polarization
1425.00	-55.74	3.27	5.11	2.15	-56.05	-13.00	43.05	V
2127.50	-49.01	4.22	4.98	2.15	-50.40	-13.00	37.40	H
2837.00	-45.22	4.95	6.71	2.15	-45.61	-13.00	32.61	H
3526.50	-54.82	5.58	8.24	2.15	-54.31	-13.00	41.31	V
4255.50	-54.05	6.23	9.16	2.15	-53.27	-13.00	40.27	V
4947.50	-54.17	6.69	9.85	2.15	-53.16	-13.00	40.16	H

SA_n12, CH142700,QPSK

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Correction	Peak ERP (dBm)	Limit (dBm)	Margin (dB)	Polarization
1426.00	-55.80	3.27	5.12	2.15	-56.10	-13.00	43.10	V
2153.50	-48.07	4.25	5.06	2.15	-49.41	-13.00	36.41	H
2857.00	-44.61	4.96	6.74	2.15	-44.98	-13.00	31.98	H
3554.00	-55.44	5.86	8.28	2.15	-55.17	-13.00	42.17	V
4270.00	-54.58	6.22	9.17	2.15	-53.78	-13.00	40.78	V
5002.50	-54.75	6.60	9.90	2.15	-53.60	-13.00	40.60	V

SA_n25, CH370500,QPSK

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
3705.00	-55.77	3.48	10.38	-48.87	-13.00	35.87	H
5561.00	-47.94	5.36	11.22	-42.08	-13.00	29.08	V
7403.00	-50.28	8.08	10.10	-48.26	-13.00	35.26	V
9258.50	-44.53	8.85	11.70	-41.68	-13.00	28.68	H
11128.50	-49.11	9.94	12.63	-46.42	-13.00	33.42	H
12954.50	-47.47	12.50	12.75	-47.22	-13.00	34.22	V

SA_n25, CH376500,QPSK

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
3765.00	-54.41	3.79	10.14	-48.06	-13.00	35.06	H
5650.50	-47.90	5.59	11.40	-42.09	-13.00	29.09	H
7537.50	-50.15	7.46	10.28	-47.33	-13.00	34.33	V
9417.50	-47.53	9.05	11.57	-45.01	-13.00	32.01	H
11308.00	-44.91	12.98	12.60	-45.29	-13.00	32.29	V
13165.50	-44.20	13.19	12.53	-44.86	-13.00	31.86	V

SA_n25, CH382500,QPSK

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
3827.00	-55.74	3.92	9.95	-49.71	-13.00	36.71	H
5737.00	-45.85	5.87	11.33	-40.39	-13.00	27.39	V
7663.00	-52.72	6.94	10.45	-49.21	-13.00	36.21	H
9568.50	-50.35	8.63	11.90	-47.08	-13.00	34.08	V
11465.50	-46.93	12.34	12.53	-46.74	-13.00	33.74	H
13395.00	-44.28	12.44	12.40	-44.32	-13.00	31.32	H

SA_n26_Part90, CH163300,QPSK

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Correction	Peak ERP (dBm)	Limit (dBm)	Margin (dB)	Polarization
1636.50	-57.73	3.56	9.50	2.15	-53.94	-13.00	40.94	H
2461.00	-51.07	4.58	10.36	2.15	-47.44	-13.00	34.44	V
3256.50	-59.32	5.28	10.31	2.15	-56.44	-13.00	43.44	V
4084.00	-55.75	6.04	10.40	2.15	-53.54	-13.00	40.54	H
4900.00	-55.45	6.73	11.40	2.15	-52.93	-13.00	39.93	H
5715.50	-54.21	7.30	11.17	2.15	-52.49	-13.00	39.49	V

SA_n26_Part90, CH163800,QPSK

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Correction	Peak ERP (dBm)	Limit (dBm)	Margin (dB)	Polarization
1642.00	-57.90	3.56	9.50	2.15	-54.11	-13.00	41.11	V
2460.50	-50.57	4.58	10.36	2.15	-46.94	-13.00	33.94	H
3276.50	-59.24	5.28	10.35	2.15	-56.32	-13.00	43.32	V
4108.50	-55.80	6.04	10.40	2.15	-53.59	-13.00	40.59	H
4907.50	-54.49	6.73	11.37	2.15	-52.00	-13.00	39.00	H
5727.50	-54.91	7.30	11.15	2.15	-53.21	-13.00	40.21	H

SA_n26_Part90, CH164300,QPSK

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Correction	Peak ERP (dBm)	Limit (dBm)	Margin (dB)	Polarization
1641.50	-57.27	3.56	9.50	2.15	-53.48	-13.00	40.48	V
2460.50	-51.16	4.58	10.36	2.15	-47.53	-13.00	34.53	H
3285.50	-59.38	5.28	10.37	2.15	-56.44	-13.00	43.44	H
4108.00	-55.66	6.04	10.40	2.15	-53.45	-13.00	40.45	H
4923.50	-54.93	6.73	11.31	2.15	-52.50	-13.00	39.50	H
5763.00	-54.46	7.24	11.07	2.15	-52.78	-13.00	39.78	V

SA_n26_Part22, CH165300,QPSK

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Correction	Peak ERP (dBm)	Limit (dBm)	Margin (dB)	Polarization
1660.50	-57.97	3.57	9.52	2.15	-54.17	-13.00	41.17	V
2478.00	-50.75	4.60	10.29	2.15	-47.21	-13.00	34.21	H
3316.00	-59.47	5.29	10.43	2.15	-56.48	-13.00	43.48	H
4147.00	-56.12	6.09	10.40	2.15	-53.96	-13.00	40.96	V
4969.50	-54.21	6.66	11.24	2.15	-51.78	-13.00	38.78	V
5795.50	-54.51	7.20	11.01	2.15	-52.85	-13.00	39.85	H

SA_n26_Part22, CH167300,QPSK

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Correction	Peak ERP (dBm)	Limit (dBm)	Margin (dB)	Polarization
1661.00	-58.09	3.57	9.52	2.15	-54.29	-13.00	41.29	V
2523.00	-51.10	4.65	10.15	2.15	-47.75	-13.00	34.75	H
3343.50	-58.38	5.31	10.49	2.15	-55.35	-13.00	42.35	H
4187.50	-55.36	6.18	10.48	2.15	-53.21	-13.00	40.21	V
5026.00	-55.97	6.56	11.35	2.15	-53.33	-13.00	40.33	V
5845.50	-54.65	7.22	10.82	2.15	-53.20	-13.00	40.20	V

SA_n26_Part22, CH169300,QPSK

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Correction	Peak ERP (dBm)	Limit (dBm)	Margin (dB)	Polarization
1687.00	-58.03	3.59	9.57	2.15	-54.20	-13.00	41.20	H
2543.00	-51.27	4.66	10.11	2.15	-47.97	-13.00	34.97	V
3381.00	-59.28	5.35	10.50	2.15	-56.28	-13.00	43.28	H
4230.00	-55.89	6.26	10.56	2.15	-53.74	-13.00	40.74	H
5089.50	-55.88	6.74	11.48	2.15	-53.29	-13.00	40.29	V
5936.50	-53.38	7.47	10.50	2.15	-52.50	-13.00	39.50	V

SA_n41, CH500202,QPSK

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
5019.50	-59.86	5.10	11.42	-53.54	-25.00	28.54	H
7484.00	-49.76	7.69	10.17	-47.28	-25.00	22.28	V
10002.00	-49.40	9.36	11.80	-46.96	-25.00	21.96	H
12497.00	-48.78	12.35	13.59	-47.54	-25.00	22.54	H
15018.50	-45.70	14.74	14.66	-45.78	-25.00	20.78	H
17488.00	-35.33	19.74	13.09	-41.98	-25.00	16.98	H

SA_n41, CH518598,QPSK

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
5172.00	-59.07	5.80	11.64	-53.23	-25.00	28.23	H
7767.50	-52.34	7.41	10.74	-49.01	-25.00	24.01	V
10391.00	-46.17	10.67	11.99	-44.85	-25.00	19.85	V
12941.50	-48.98	12.47	12.76	-48.69	-25.00	23.69	H
15570.50	-45.46	16.64	15.60	-46.50	-25.00	21.50	H
17997.00	-34.68	19.94	13.41	-41.21	-25.00	16.21	H

SA_n41, CH537000,QPSK

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
5369.50	-51.87	5.81	11.66	-46.02	-25.00	21.02	V
8066.50	-50.93	7.88	11.13	-47.68	-25.00	22.68	V
10735.50	-45.50	9.87	12.14	-43.23	-25.00	18.23	V
13402.50	-43.86	12.46	12.40	-43.92	-25.00	18.92	H
16101.50	-44.57	17.13	15.10	-46.60	-25.00	21.60	V
17984.50	-33.72	19.97	13.43	-40.26	-25.00	15.26	H

SA_n66, CH342500,QPSK

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
5138.50	-62.59	5.54	11.60	-56.53	-13.00	43.53	V
10278.50	-57.91	10.69	11.90	-56.70	-13.00	43.70	H
11978.00	-57.46	12.27	13.06	-56.67	-13.00	43.67	V
13688.50	-53.79	13.01	12.20	-54.60	-13.00	41.60	H
15424.00	-57.63	14.93	15.45	-57.11	-13.00	44.11	V
17133.50	-46.80	20.08	13.47	-53.41	-13.00	40.41	H

SA_n66, CH349000,QPSK

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
5235.50	-62.13	4.70	11.70	-55.13	-13.00	42.13	H
10456.50	-56.87	10.35	11.94	-55.28	-13.00	42.28	H
12219.50	-58.24	12.17	13.40	-57.01	-13.00	44.01	H
13952.50	-53.58	14.67	12.15	-56.10	-13.00	43.10	H
15706.00	-55.05	16.64	15.51	-56.18	-13.00	43.18	H
17442.00	-45.61	19.25	13.04	-51.82	-13.00	38.82	H

SA_n66, CH355000,QPSK

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
5332.50	-58.16	6.24	11.74	-52.66	-13.00	39.66	H
8888.50	-61.03	8.04	11.55	-57.52	-13.00	44.52	H
12434.50	-57.87	13.05	13.47	-57.45	-13.00	44.45	V
14225.00	-55.16	13.09	12.62	-55.63	-13.00	42.63	H
15996.00	-55.28	17.54	15.41	-57.41	-13.00	44.41	V
17777.00	-47.20	19.55	13.48	-53.27	-13.00	40.27	H

DC 4(5M)_n2(5M), CH20175,QPSK

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
17310.50	-35.54	19.25	13.18	-41.61	-13.00	28.61	V
13861.00	-43.10	13.10	12.10	-44.10	-13.00	31.10	H
10389.00	-46.68	10.67	11.99	-45.36	-13.00	32.36	V
11124.00	-49.52	9.91	12.62	-46.81	-13.00	33.81	H
9276.50	-50.09	8.45	11.70	-46.84	-13.00	33.84	H
12122.00	-48.57	12.24	13.32	-47.49	-13.00	34.49	V

DC 4(5M)_n2(5M), CH20175,QPSK

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
17326.00	-35.85	19.25	13.15	-41.95	-13.00	28.95	V
10392.00	-46.04	10.67	11.99	-44.72	-13.00	31.72	V
13166.00	-44.50	13.19	12.53	-45.16	-13.00	32.16	V
11267.00	-47.62	10.65	12.63	-45.64	-13.00	32.64	H
13860.00	-45.07	13.10	12.10	-46.07	-13.00	33.07	H
9393.00	-49.64	9.12	11.50	-47.26	-13.00	34.26	V

DC 4(5M)_n2(5M), CH20175,QPSK

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
17331.00	-35.47	19.25	13.14	-41.58	-13.00	28.58	V
13342.00	-43.26	13.13	12.46	-43.93	-13.00	30.93	V
10394.00	-46.16	10.66	11.99	-44.83	-13.00	31.83	H
13864.00	-44.96	13.10	12.10	-45.96	-13.00	32.96	H
11447.00	-46.11	12.40	12.55	-45.96	-13.00	32.96	V
12135.50	-48.67	12.23	13.34	-47.56	-13.00	34.56	V

DC 4(5M)_n7(5M), CH20175,QPSK

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
17529.50	-35.98	19.68	13.13	-42.53	-25.00	17.53	H
15018.50	-46.73	14.74	14.66	-46.81	-25.00	21.81	H
10006.50	-49.38	9.35	11.79	-46.94	-25.00	21.94	V
12505.00	-48.72	12.36	13.58	-47.50	-25.00	22.50	H
7513.00	-50.60	7.71	10.23	-48.08	-25.00	23.08	V
5019.00	-59.38	5.10	11.41	-53.07	-25.00	28.07	V

DC 4(5M)_n7(5M), CH20175,QPSK

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
17742.50	-37.01	19.56	13.44	-43.13	-25.00	18.13	V
15221.50	-46.51	15.68	15.04	-47.15	-25.00	22.15	V
12663.00	-48.85	11.64	13.17	-47.32	-25.00	22.32	V
10130.50	-51.34	8.94	11.76	-48.52	-25.00	23.52	H
7604.50	-51.29	7.58	10.31	-48.56	-25.00	23.56	V
5056.50	-59.26	5.36	11.60	-53.02	-25.00	28.02	V

DC 4(5M)_n7(5M), CH20175,QPSK

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
17981.00	-35.24	19.98	13.44	-41.78	-25.00	16.78	H
12846.50	-46.49	12.98	12.91	-46.56	-25.00	21.56	H
10277.00	-48.06	10.70	11.90	-46.86	-25.00	21.86	H
15417.00	-47.44	14.92	15.43	-46.93	-25.00	21.93	H
7710.50	-53.23	6.74	10.62	-49.35	-25.00	24.35	V
5126.00	-59.03	5.58	11.60	-53.01	-25.00	28.01	H

DC 4(5M)_n41(10M), CH20175,QPSK

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
17487.50	-35.15	19.74	13.09	-41.80	-25.00	16.80	H
10015.00	-48.86	9.35	11.78	-46.43	-25.00	21.43	H
15005.00	-46.58	14.75	14.62	-46.71	-25.00	21.71	H
12491.50	-49.07	12.34	13.58	-47.83	-25.00	22.83	V
7484.50	-50.33	7.69	10.17	-47.85	-25.00	22.85	V
5020.50	-59.51	5.51	11.42	-53.60	-25.00	28.60	H

DC 4(5M)_n41(10M), CH20175,QPSK

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
17994.00	-36.00	19.95	13.41	-42.54	-25.00	17.54	H
10365.50	-46.61	10.75	11.97	-45.39	-25.00	20.39	V
15543.00	-45.40	16.81	15.60	-46.61	-25.00	21.61	H
12955.50	-48.69	12.50	12.74	-48.45	-25.00	23.45	H
7770.50	-52.99	7.40	10.74	-49.65	-25.00	24.65	V
17316.00	-35.94	19.25	13.17	-42.02	-13.00	29.02	V

DC 4(5M)_n41(10M), CH20175,QPSK

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
17999.00	-36.00	19.94	13.40	-42.54	-25.00	17.54	H
13436.50	-44.46	12.55	12.36	-44.65	-25.00	19.65	V
10750.50	-48.56	9.83	12.15	-46.24	-25.00	21.24	V
16092.00	-44.48	17.17	15.12	-46.53	-25.00	21.53	H
8065.50	-51.55	7.87	11.13	-48.29	-25.00	23.29	H
17313.00	-35.71	19.25	13.17	-41.79	-13.00	28.79	H

DC 7(5M)_n5(5M), CH21100,QPSK

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
17527.00	-35.94	19.69	13.13	-42.50	-25.00	17.50	H
17740.00	-36.73	19.56	13.44	-42.85	-25.00	17.85	H
15012.50	-46.56	14.75	14.64	-46.67	-25.00	21.67	V
10000.50	-49.40	9.36	11.80	-46.96	-25.00	21.96	H
12679.00	-48.52	11.71	13.14	-47.09	-25.00	22.09	H
7500.00	-49.59	7.70	10.20	-47.09	-25.00	22.09	V

DC 7(5M)_n5(5M), CH21100,QPSK

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
17739.00	-36.73	19.56	13.44	-42.85	-25.00	17.85	V
17739.00	-36.73	19.56	13.44	-42.85	-25.00	17.85	V
15210.00	-47.09	15.10	15.02	-47.17	-25.00	22.17	H
15210.00	-47.09	15.10	15.02	-47.17	-25.00	22.17	H
12686.00	-48.64	11.74	13.13	-47.25	-25.00	22.25	V
12686.00	-48.64	11.74	13.13	-47.25	-25.00	22.25	V

DC 7(5M)_n5(5M), CH21100,QPSK

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
17986.50	-36.14	19.96	13.43	-42.67	-25.00	17.67	H
17733.50	-37.37	19.56	13.43	-43.50	-25.00	18.50	H
10266.00	-47.78	10.79	11.90	-46.67	-25.00	21.67	H
15419.50	-47.22	14.92	15.44	-46.70	-25.00	21.70	H
12671.00	-48.80	11.67	13.16	-47.31	-25.00	22.31	V
12833.00	-47.22	13.08	12.93	-47.37	-25.00	22.37	V

DC 7(5M)_n26(5M), CH21100,QPSK

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Correction	Peak ERP (dBm)	Limit (dBm)	Margin (dB)	Polarization
1639.50	-45.30	3.56	9.50	2.15	-41.51	-13.00	28.51	H
2462.50	-38.35	4.59	10.35	2.15	-34.74	-13.00	21.74	V
3280.50	-59.45	5.28	10.36	2.15	-56.52	-13.00	43.52	V
5057.00	-58.20	6.65	11.41	0.00	-53.44	-25.00	28.44	H
7598.00	-51.28	7.98	10.40	0.00	-48.86	-25.00	23.86	V
10129.50	-50.48	9.41	12.00	0.00	-47.89	-25.00	22.89	V

DC 7(5M)_n26(5M), CH21100,QPSK

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Correction	Peak ERP (dBm)	Limit (dBm)	Margin (dB)	Polarization
1643.50	-44.98	3.56	9.50	2.15	-41.19	-13.00	28.19	V
2460.00	-37.98	4.58	10.36	2.15	-34.35	-13.00	21.35	H
3276.50	-59.77	5.28	10.35	2.15	-56.85	-13.00	43.85	H
5065.00	-58.61	6.67	11.43	0.00	-53.85	-25.00	28.85	V
7597.50	-50.63	7.98	10.40	0.00	-48.21	-25.00	23.21	H
10136.50	-50.78	9.40	12.00	0.00	-48.18	-25.00	23.18	V

DC 7(5M)_n26(5M), CH21100,QPSK

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Correction	Peak ERP (dBm)	Limit (dBm)	Margin (dB)	Polarization
1648.00	-44.32	3.56	9.50	2.15	-40.53	-13.00	27.53	H
2466.50	-38.18	4.59	10.33	2.15	-34.59	-13.00	21.59	V
3299.00	-59.00	5.29	10.40	2.15	-56.04	-13.00	43.04	H
5075.50	-58.27	6.70	11.45	0.00	-53.52	-25.00	28.52	H
7614.00	-51.41	8.04	10.43	0.00	-49.02	-25.00	24.02	V
10145.00	-50.33	9.39	12.00	0.00	-47.72	-25.00	22.72	V

DC 12(5M)_n66(5M), CH23095,QPSK

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Correction	Peak ERP (dBm)	Limit (dBm)	Margin (dB)	Polarization
1432.50	-54.86	3.28	5.15	2.15	-55.14	-13.00	42.14	H
2127.50	-48.35	4.22	4.98	2.15	-49.74	-13.00	36.74	V
2848.50	-43.94	4.96	6.73	2.15	-44.32	-13.00	31.32	V
3422.00	-68.68	5.38	8.01	0.00	-66.05	-13.00	53.05	H
5140.00	-67.22	6.87	10.10	0.00	-63.99	-13.00	50.99	H
6832.50	-64.65	7.85	11.40	0.00	-61.10	-13.00	48.10	V

DC 12(5M)_n66(5M), CH23095,QPSK

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Correction	Peak ERP (dBm)	Limit (dBm)	Margin (dB)	Polarization
1433.00	-54.87	3.28	5.15	2.15	-55.15	-13.00	42.15	V
2137.50	-48.10	4.23	5.01	2.15	-49.47	-13.00	36.47	H
2849.50	-43.98	4.96	6.73	2.15	-44.36	-13.00	31.36	V
3492.50	-69.12	5.51	8.18	0.00	-66.45	-13.00	53.45	V
5230.50	-67.80	7.00	10.22	0.00	-64.58	-13.00	51.58	H
6952.50	-64.73	7.93	11.54	0.00	-61.12	-13.00	48.12	V

DC 12(5M)_n66(5M), CH23095,QPSK

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Correction	Peak ERP (dBm)	Limit (dBm)	Margin (dB)	Polarization
1433.00	-54.94	3.28	5.15	2.15	-55.22	-13.00	42.22	V
2124.00	-48.22	4.21	4.97	2.15	-49.61	-13.00	36.61	H
2848.00	-43.93	4.96	6.73	2.15	-44.31	-13.00	31.31	V
3535.00	-67.29	5.67	8.25	0.00	-64.71	-13.00	51.71	H
5287.50	-67.38	6.99	10.30	0.00	-64.07	-13.00	51.07	H
7056.50	-63.06	8.22	11.67	0.00	-59.61	-13.00	46.61	V

Note: Peak EIRP (dBm) = PMea(dBm) - Path Loss(dB) + Antenna Gain(dBi)

Note: The maximum value of expanded measurement uncertainty for this test item is U = 3.44 dB, k = 2.

A.3 Frequency Stability

A.3.1 Method of Measurement

Frequency stability is a measure of the frequency drift due to temperature and supply voltage variations, with reference to the frequency measured at +20 °C and rated supply voltage. Two reference points are established at the applicable unwanted emissions limit using a RBW equal to the RBW required by the unwanted emissions specification of the applicable regulatory standard. These reference points measured using the lowest and highest channel of operation shall be identified as F_L and F_H respectively.

In order to measure the carrier frequency under the condition of AFC lock, it is necessary to make measurements with the EUT in a “call mode”. This is accomplished with the use of MT8000A.

1. Measure the carrier frequency at room temperature.
2. Subject the EUT to overnight soak at -30℃.
3. With the EUT, powered via nominal voltage, connected to the MT8000A, and in a simulated call on middle channel for each NR band, measure the carrier frequency. These measurements should be made within 2 minutes of Powering up the EUT, to prevent significant self-warming.
4. Repeat the above measurements at 10℃ increments from -30℃ to +50℃. Allow at least 1.5 hours at each temperature, unpowered, before making measurements.
5. Re-measure carrier frequency at room temperature with nominal voltage. Vary supply voltage from minimum voltage to maximum voltage, in 0.1Volt increments re-measuring carrier frequency at each voltage. Pause at nominal voltage for 1.5 hours unpowered, to allow any self-heating to stabilize, before continuing.
6. Subject the EUT to overnight soak at +50℃.
7. With the EUT, powered via nominal voltage, connected to the MT8000A and in a simulated call on the center channel, measure the carrier frequency. These measurements should be made within 2 minutes of Powering up the EUT, to prevent significant self-warming.
8. Repeat the above measurements at 10 ℃ decrements from +50℃ to -30℃. Allow at least 1.5 hours at each temperature, unpowered, before making measurements.
9. At all temperature levels hold the temperature to +/- 0.5℃ during the measurement procedure.

The frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency block. As this transceiver is considered "Hand carried, battery powered equipment" Section 2.1055(d)(2) applies. This requires that the lower voltage for frequency stability testing be specified by the manufacturer. This transceiver is specified to operate with an input voltage of the lower, higher and nominal voltage. Operation above or below these voltage limits is prohibited by transceiver software in order to prevent improper operation as well as to protect components from overstress.

A.3.2 Measurement results

n7

Frequency Error vs Temperature

Temperature(℃)	Voltage(V)	FL(MHz)	FH(MHz)	Offset(Hz)	Frequency error(ppm)
20	3.87	2500.448	2569.536		
50				0.40	0.0002
40				1.10	0.0004
30				5.10	0.0020
10				7.70	0.0030
0				-0.90	0.0004
-10				10.40	0.0041
-20				4.20	0.0017
-30				0.10	0.0000

Frequency Error vs Voltage

Voltage(V)	Temperature(℃)	FL(MHz)	FH(MHz)	Offset(Hz)	Frequency error(ppm)
3.6	20	2500.448	2569.536	3.00	0.0012
4.5				4.30	0.0017

n12

Frequency Error vs Temperature

Temperature(℃)	Voltage(V)	FL(MHz)	FH(MHz)	Offset(Hz)	Frequency error(ppm)
20	3.87	699.192	715.072		
50				-2.70	0.0038
40				0.00	0.0000
30				2.80	0.0040
10				1.60	0.0023
0				0.30	0.0004
-10				-1.00	0.0014
-20				0.10	0.0001
-30				-1.10	0.0016

Frequency Error vs Voltage

Voltage(V)	Temperature(℃)	FL(MHz)	FH(MHz)	Offset(Hz)	Frequency error(ppm)
3.6	20	699.192	715.072	3.10	0.0044
4.5				2.60	0.0037

n25

Frequency Error vs Temperature

Temperature(℃)	Voltage(V)	FL(MHz)	FH(MHz)	Offset(Hz)	Frequency error(ppm)
20	3.87	1850.112	1914.904	-3.10	0.0016
50				1.00	0.0005
40				7.20	0.0038
30				-1.00	0.0005
10				0.60	0.0003
0				6.50	0.0035
-10				9.90	0.0053
-20				2.80	0.0015
-30					

Frequency Error vs Voltage

Voltage(V)	Temperature(℃)	FL(MHz)	FH(MHz)	Offset(Hz)	Frequency error(ppm)
3.6	20	1850.112	1914.904	2.40	0.0013
4.5				1.40	0.0007

n26_Part22

Frequency Error vs Temperature

Temperature(℃)	Voltage(V)	FL(MHz)	FH(MHz)	Offset(Hz)	Frequency error(ppm)
20	3.87	824.256	847.624	-7.10	0.0085
50				-4.00	0.0048
40				-3.80	0.0045
30				-0.90	0.0011
10				-4.00	0.0048
0				-4.60	0.0055
-10				-11.60	0.0139
-20				-7.40	0.0088
-30					

Frequency Error vs Voltage

Voltage(V)	Temperature(℃)	FL(MHz)	FH(MHz)	Offset(Hz)	Frequency error(ppm)
3.6	20	824.256	847.624	-3.80	0.0045
4.5				-1.90	0.0023

n26_Part90

Frequency Error vs Temperature

Temperature(℃)	Voltage(V)	FL(MHz)	FH(MHz)	Offset(Hz)	Frequency error(ppm)
20	3.87	814.208	823.440	0.60	0.0007
50				-0.20	0.0002
40				2.60	0.0032
30				2.70	0.0033
10				-0.30	0.0004
0				0.10	0.0001
-10				1.10	0.0013
-20				1.10	0.0013
-30					

Frequency Error vs Voltage

Voltage(V)	Temperature(℃)	FL(MHz)	FH(MHz)	Offset(Hz)	Frequency error(ppm)
3.6	20	814.208	823.440	-0.90	0.0011
4.5				2.10	0.0026

n38

Frequency Error vs Temperature

Temperature(℃)	Voltage(V)	FL(MHz)	FH(MHz)	Offset(Hz)	Frequency error(ppm)
20	3.87	2570.752	2617.040	-0.90	0.0003
50				-0.10	0.0000
40				-0.30	0.0001
30				12.40	0.0048
10				16.10	0.0062
0				2.90	0.0011
-10				1.50	0.0006
-20				5.60	0.0022
-30					

Frequency Error vs Voltage

Voltage(V)	Temperature(℃)	FL(MHz)	FH(MHz)	Offset(Hz)	Frequency error(ppm)
3.6	20	2570.752	2617.040	6.70	0.0026
4.5				7.80	0.0030

n41

Frequency Error vs Temperature

Temperature(℃)	Voltage(V)	FL(MHz)	FH(MHz)	Offset(Hz)	Frequency error(ppm)
20	3.87	2496.704	2688.160		
50				-14.60	0.0056
40				-11.40	0.0044
30				-13.00	0.0050
10				10.70	0.0041
0				-4.40	0.0017
-10				-9.10	0.0035
-20				26.70	0.0103
-30				-11.60	0.0045

Frequency Error vs Voltage

Voltage(V)	Temperature(℃)	FL(MHz)	FH(MHz)	Offset(Hz)	Frequency error(ppm)
3.6	20	2496.704	2688.160	-11.00	0.0042
4.5				-5.40	0.0021

n66

Frequency Error vs Temperature

Temperature(℃)	Voltage(V)	FL(MHz)	FH(MHz)	Offset(Hz)	Frequency error(ppm)
20	3.87	1710.080	1779.920		
50				5.70	0.0033
40				1.80	0.0010
30				5.40	0.0031
10				0.00	0.0000
0				-0.10	0.0001
-10				0.70	0.0004
-20				1.30	0.0007
-30				4.80	0.0028

Frequency Error vs Voltage

Voltage(V)	Temperature(℃)	FL(MHz)	FH(MHz)	Offset(Hz)	Frequency error(ppm)
3.6	20	1710.080	1779.920	5.60	0.0032
4.5				4.30	0.0025

n41-MIMO

Frequency Error vs Voltage

Temperature(℃)	Voltage(V)	FL(MHz)	FH(MHz)	Offset(Hz)	Frequency error(ppm)
20	3.87	2496.752	2689.216	7.50	0.0029
50				-3.10	0.0012
40				9.80	0.0038
30				-1.40	0.0005
10				10.60	0.0041
0				4.00	0.0015
-10				7.40	0.0029
-20				15.80	0.0061
-30					

Frequency Error vs Voltage

Voltage(V)	Temperature(℃)	FL(MHz)	FH(MHz)	Offset(Hz)	Frequency error(ppm)
3.6	20	2496.752	2689.216	7.40	0.0029
4.5				14.20	0.0055

Note: The maximum value of expanded measurement uncertainty for this test item is U = 0.047k Hz, *k* = 2.

A.4 Occupied Bandwidth

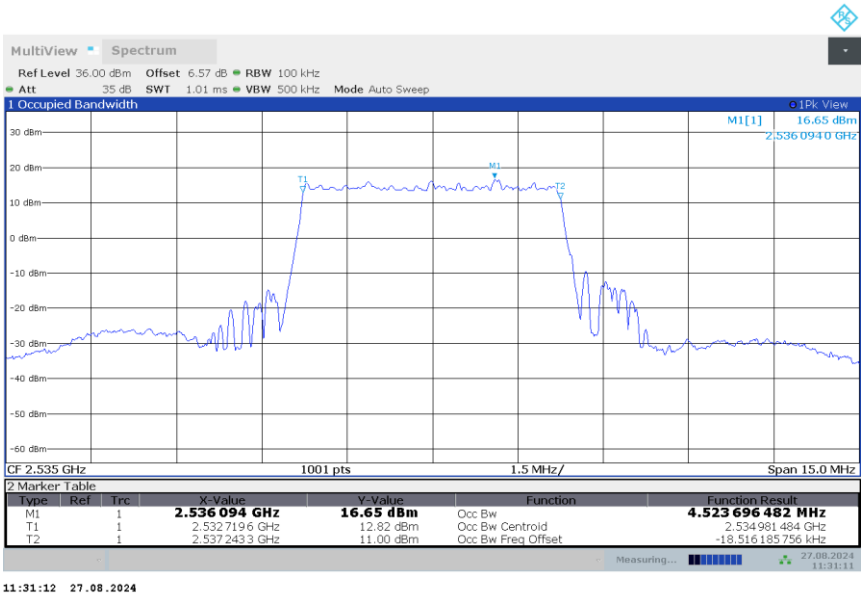
Occupied bandwidth measurements are only provided for selected frequencies in order to reduce the amount of submitted data. Data were taken at the mid frequencies frequency. The table below lists the measured 99% BW. Spectrum analyzer plots are included on the following pages.
The measurement method is from ANSI C63.26:
a) The spectrum analyzer center frequency is set to the nominal EUT channel center frequency. The frequency span for the spectrum analyzer shall be set wide enough to capture all modulation products including the emission skirts.
b) The nominal IF filter 3 dB bandwidth (RBW) shall be in the range of 1% to 5% of the anticipated OBW, and the VBW shall be set ≥ 3 × RBW.
c) Set the reference level of the instrument as required to prevent the signal amplitude from exceeding the maximum spectrum analyzer input mixer level for linear operation.
d) Set the detection mode to peak, and the trace mode to max-hold.

n7

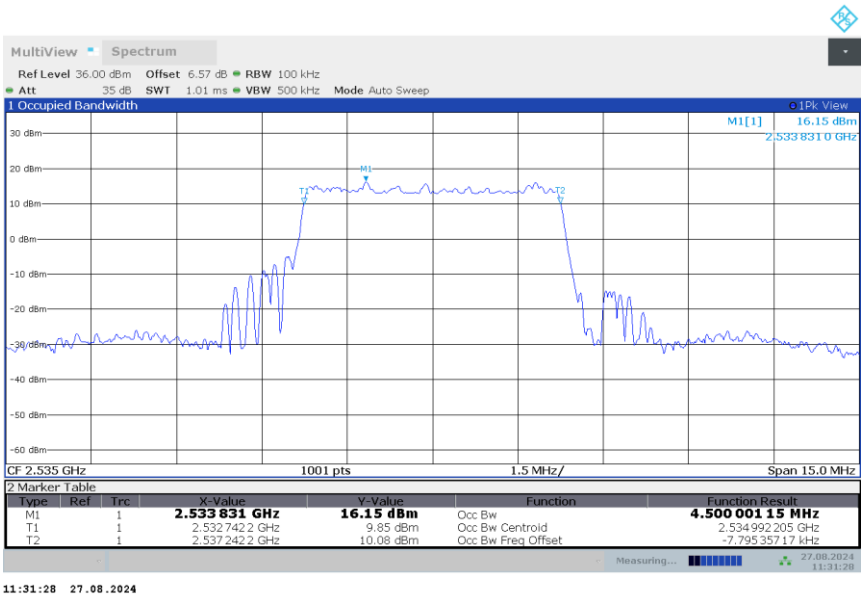
n7,5MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
2535	4.524	4.500

n7,5MHz Bandwidth,DFT-s-pi/2 BPSK (99% BW)



n7,5MHz Bandwidth,DFT-s-QPSK (99% BW)

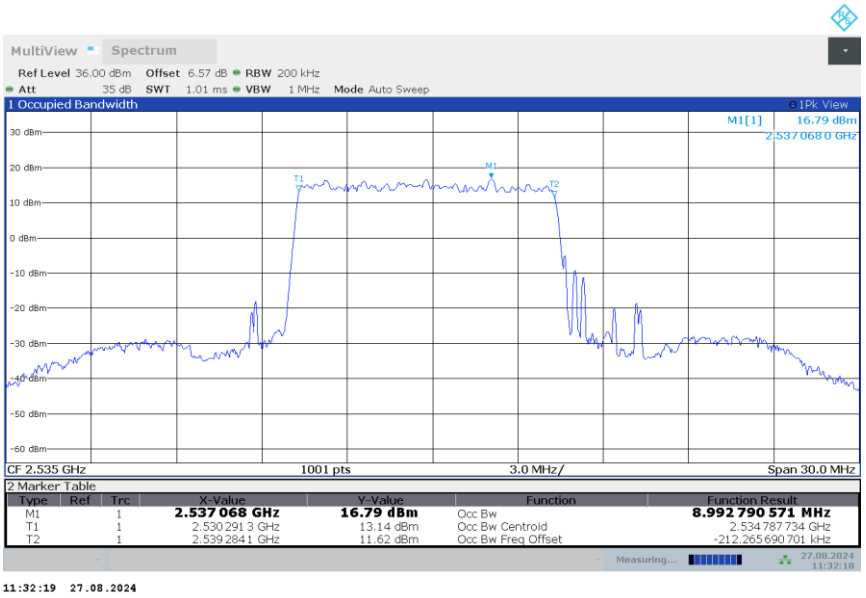


n7

n7,10MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
2535	8.993	8.977

n7,10MHz Bandwidth,DFT-s-pi/2 BPSK (99% BW)



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n7,10MHz Bandwidth,DFT-s-QPSK (99% BW)

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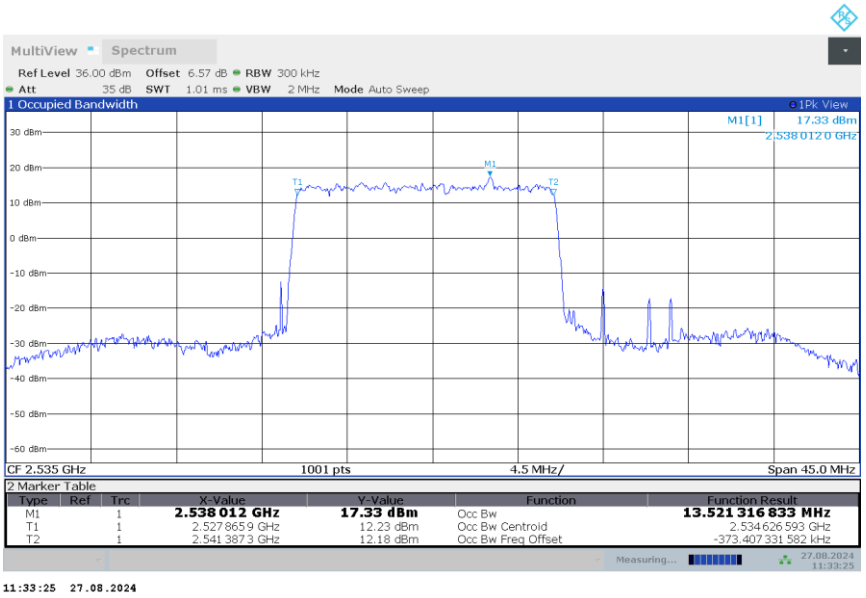
n7

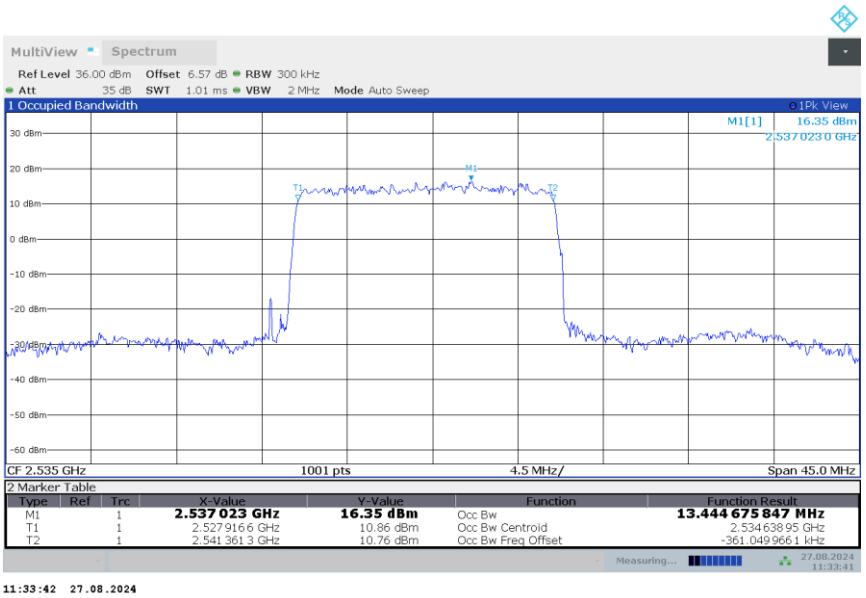
n7,15MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
2535	13.521	13.445

n7,15MHz Bandwidth,DFT-s-pi/2 BPSK (99% BW)



n7,15MHz Bandwidth,DFT-s-QPSK (99% BW)

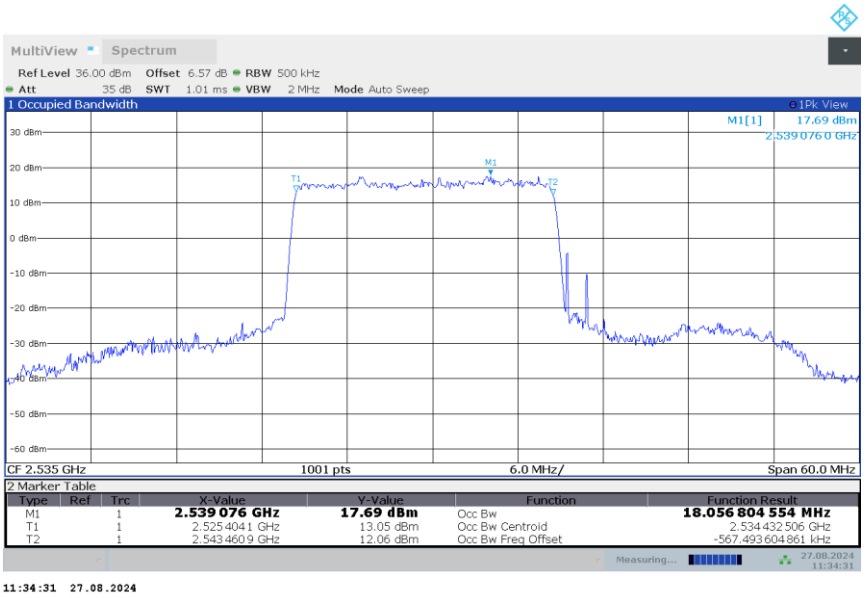


n7

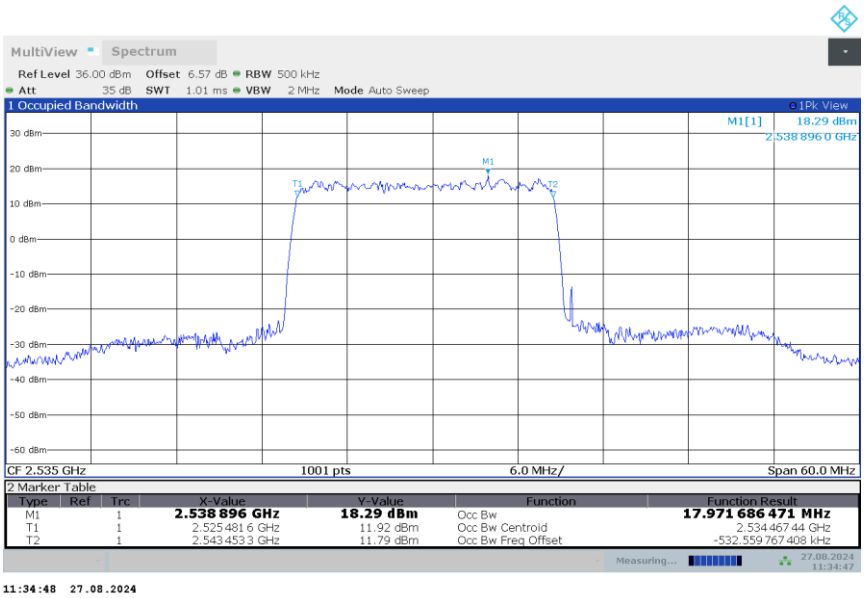
n7,20MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
2535	18.057	17.972

n7,20MHz Bandwidth,DFT-s-pi/2 BPSK (99% BW)



n7,20MHz Bandwidth,DFT-s-QPSK (99% BW)

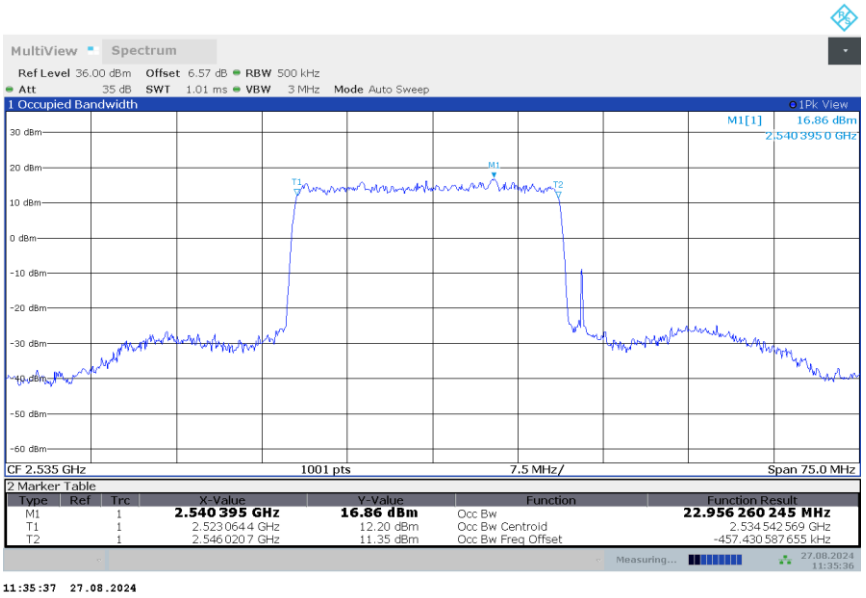


n7

n7,25MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
2535	22.956	22.977

n7,25MHz Bandwidth,DFT-s-pi/2 BPSK (99% BW)



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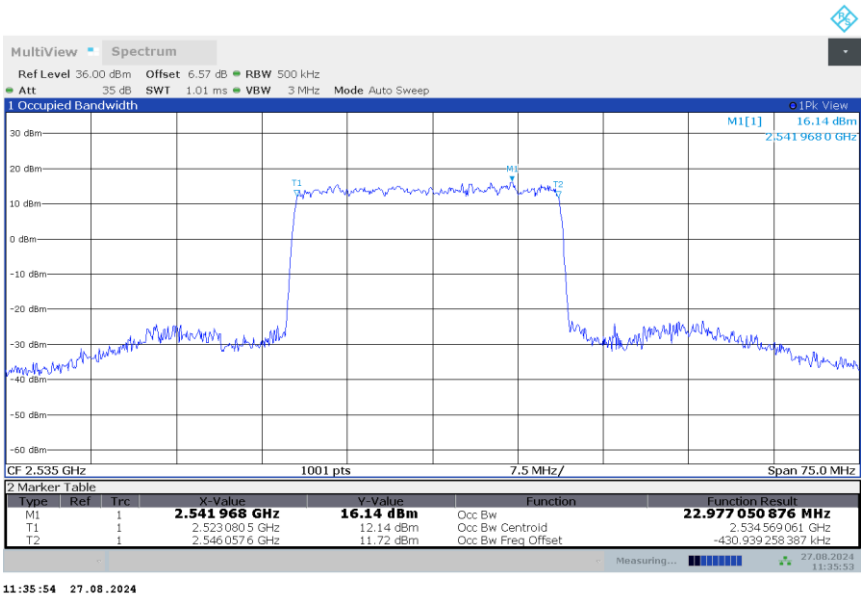
n7,25MHz Bandwidth,DFT-s-QPSK (99% BW)



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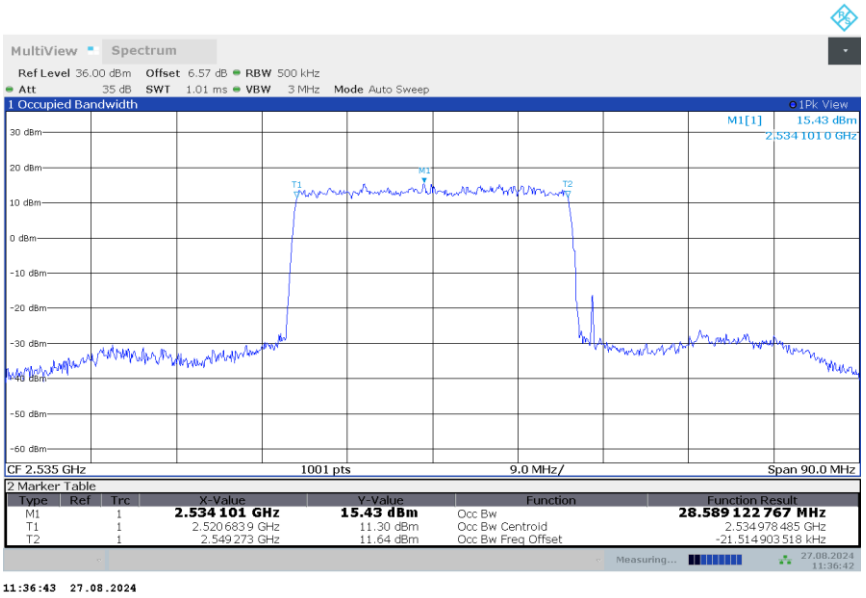
n7

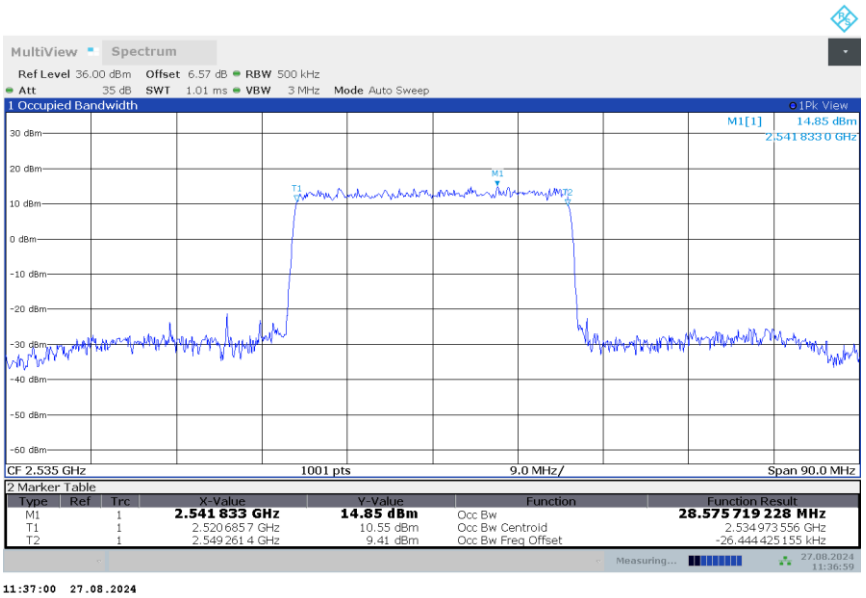
n7,30MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
2535	28.589	28.576

n7,30MHz Bandwidth,DFT-s-pi/2 BPSK (99% BW)



n7,30MHz Bandwidth,DFT-s-QPSK (99% BW)

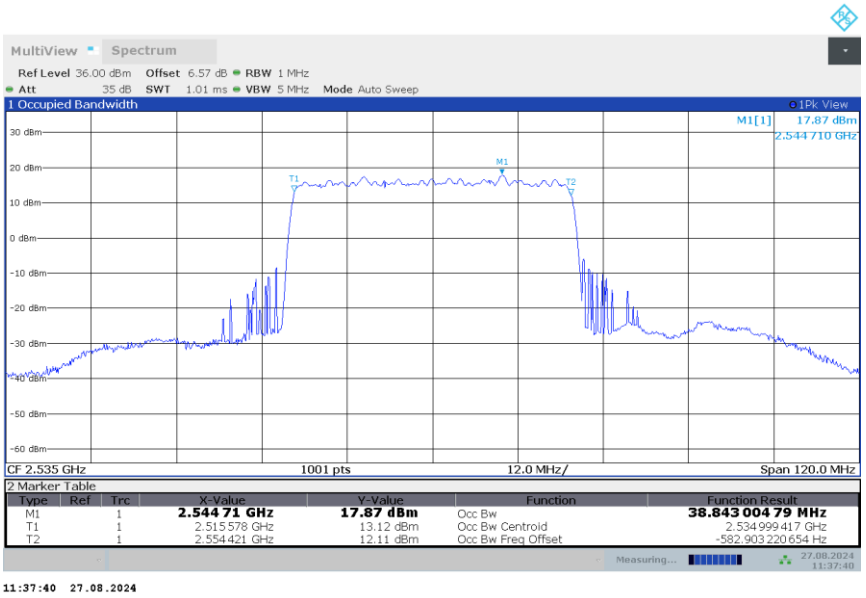


n7

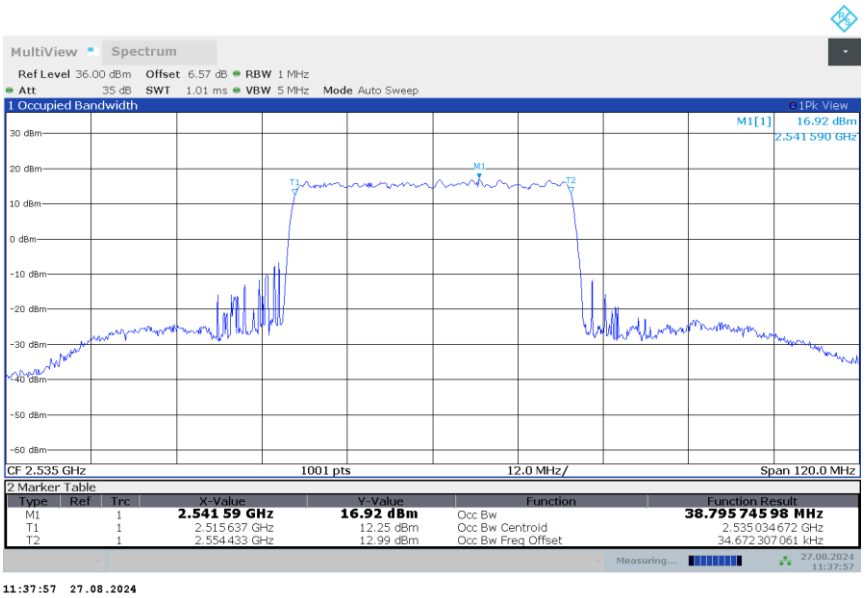
n7,40MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
2535	38.843	38.796

n7,40MHz Bandwidth,DFT-s-pi/2 BPSK (99% BW)



n7,40MHz Bandwidth,DFT-s-QPSK (99% BW)

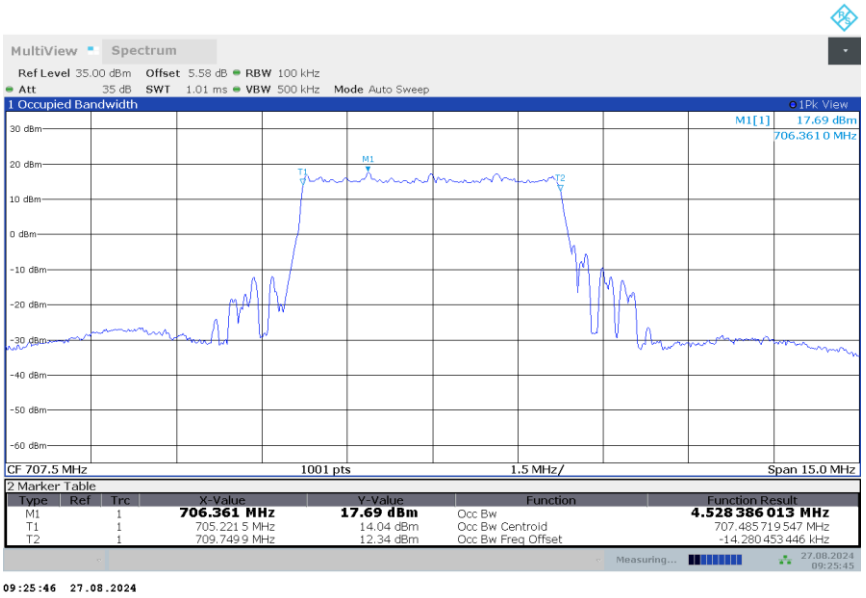


n12

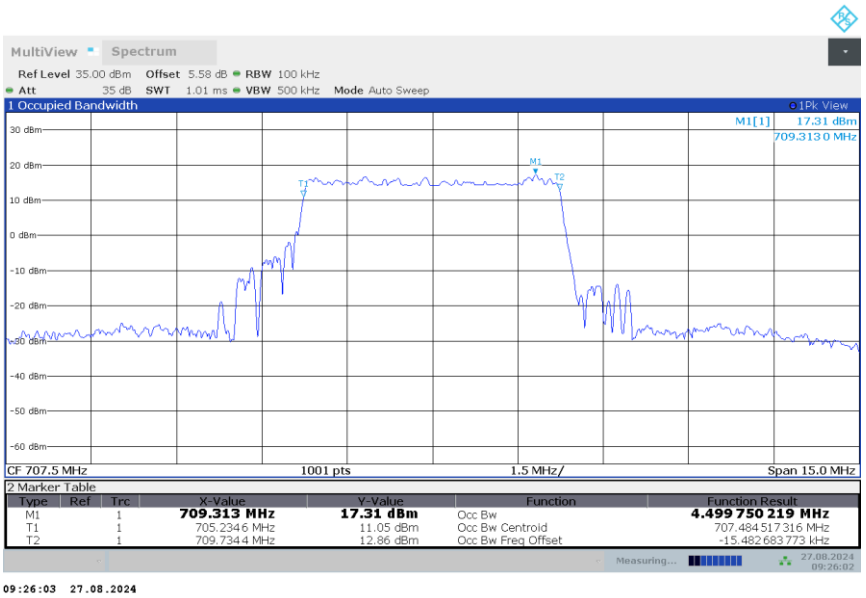
n12,5MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
707.5	4.528	4.500

n12,5MHz Bandwidth,DFT-s-pi/2 BPSK (99% BW)



n12,5MHz Bandwidth,DFT-s-QPSK (99% BW)

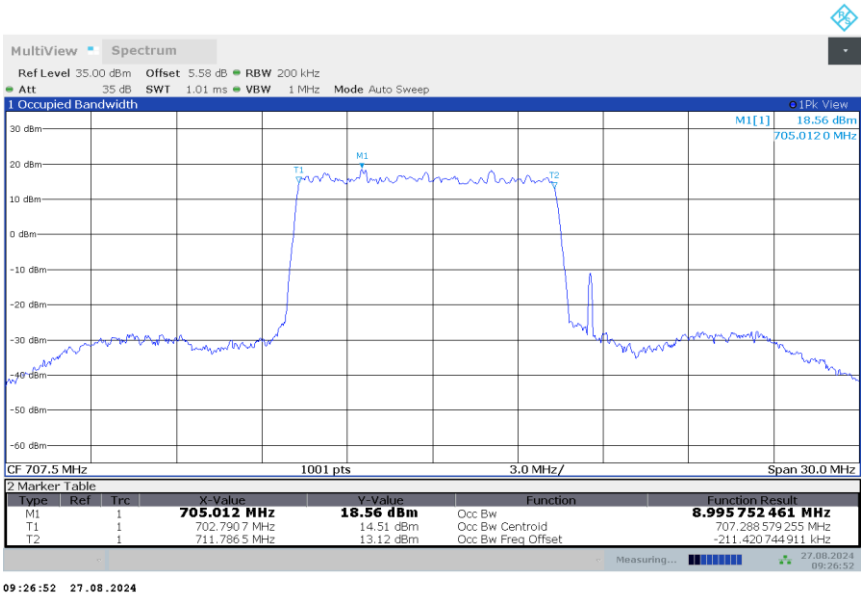


n12

n12,10MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
707.5	8.996	9.000

n12,10MHz Bandwidth,DFT-s-pi/2 BPSK (99% BW)



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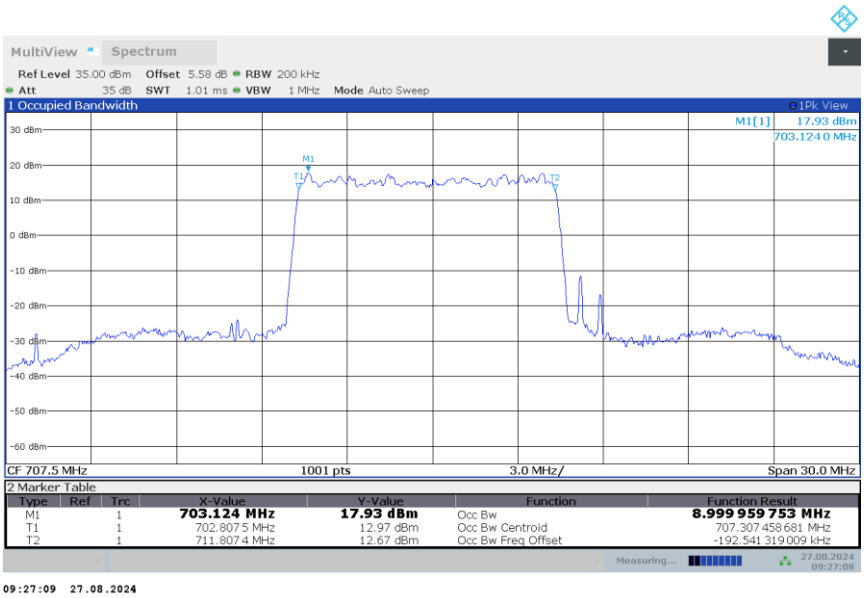
n12,10MHz Bandwidth,DFT-s-QPSK (99% BW)



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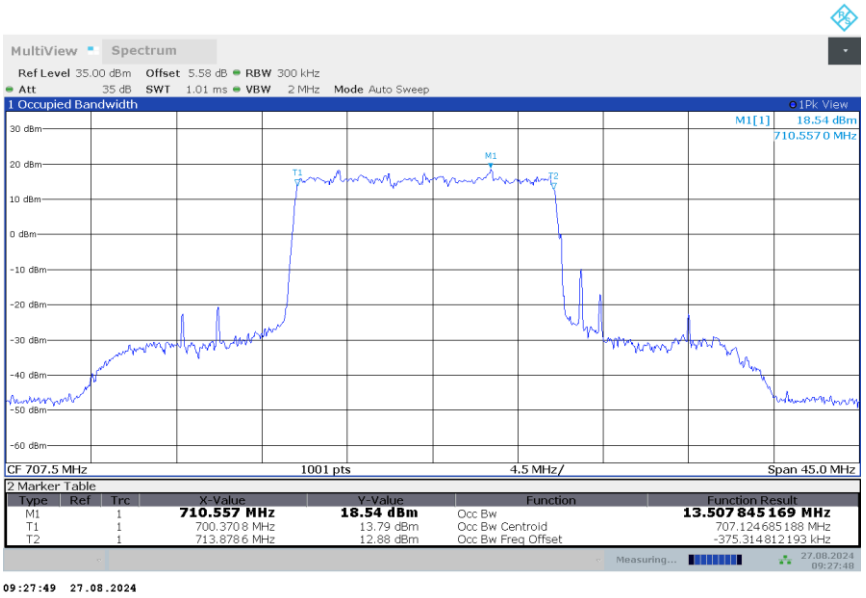
n12

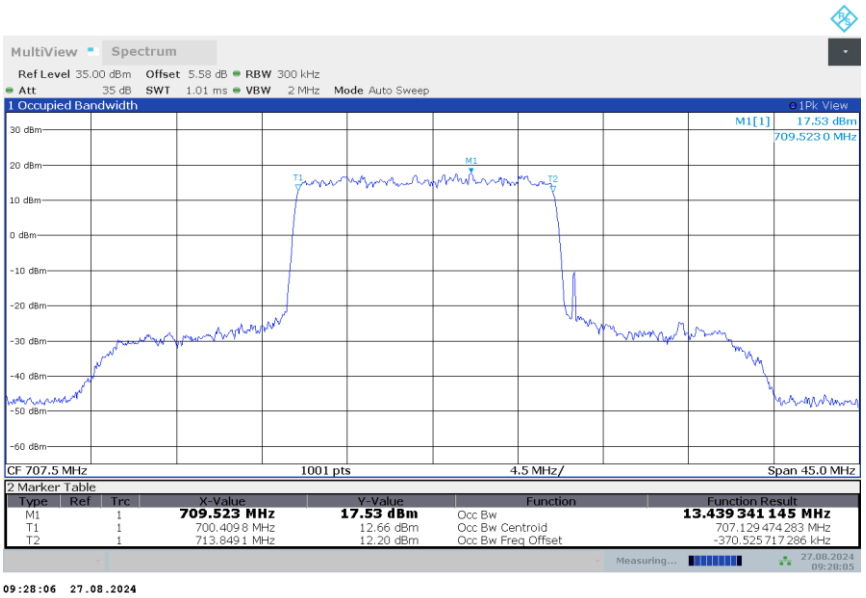
n12,15MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
707.5	13.508	13.439

n12,15MHz Bandwidth,DFT-s-pi/2 BPSK (99% BW)



n12,15MHz Bandwidth,DFT-s-QPSK (99% BW)

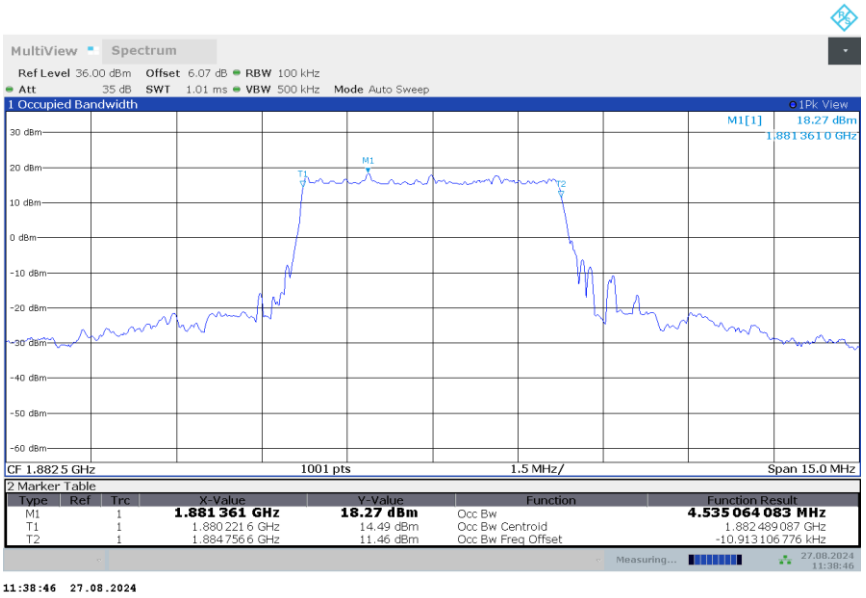


n25

n25,5MHz(99%)

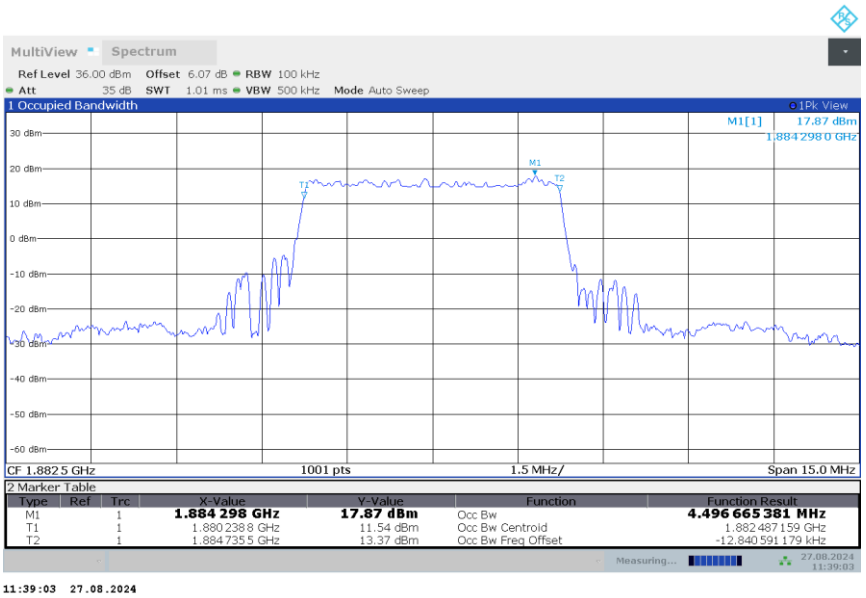
Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
1882.5	4.535	4.497

n25,5MHz Bandwidth,DFT-s-pi/2 BPSK (99% BW)



11:38:46 27.08.2024

n25,5MHz Bandwidth,DFT-s-QPSK (99% BW)



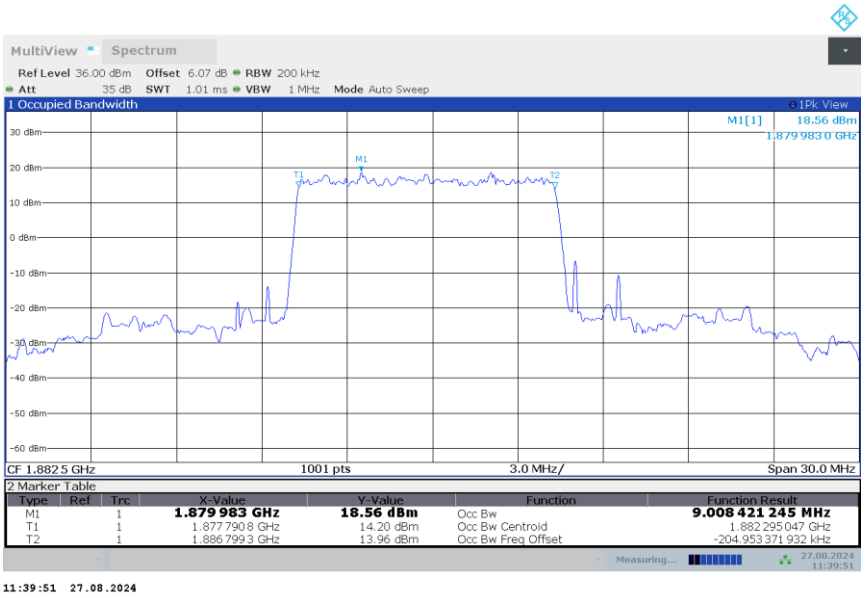
11:39:03 27.08.2024

n25

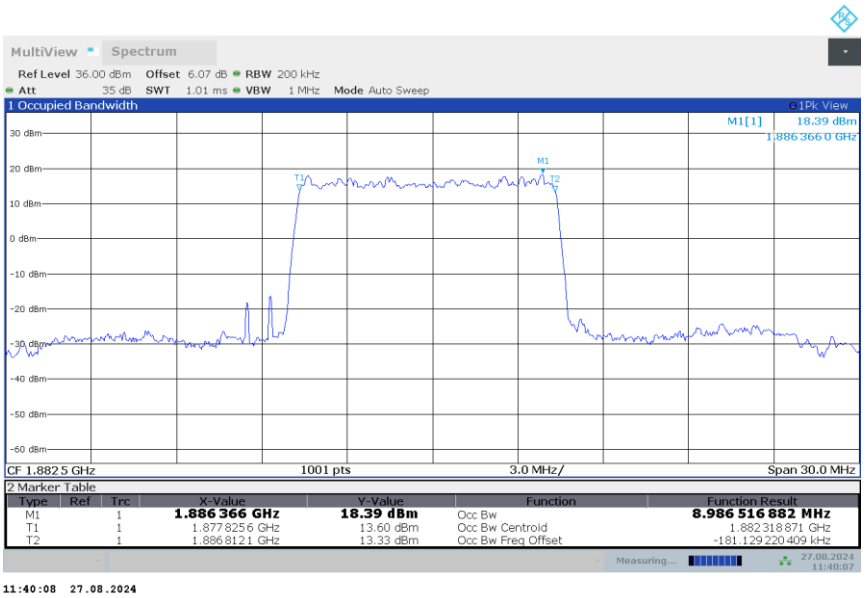
n25,10MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
1882.5	9.008	8.987

n25,10MHz Bandwidth,DFT-s-pi/2 BPSK (99% BW)



n25,10MHz Bandwidth,DFT-s-QPSK (99% BW)

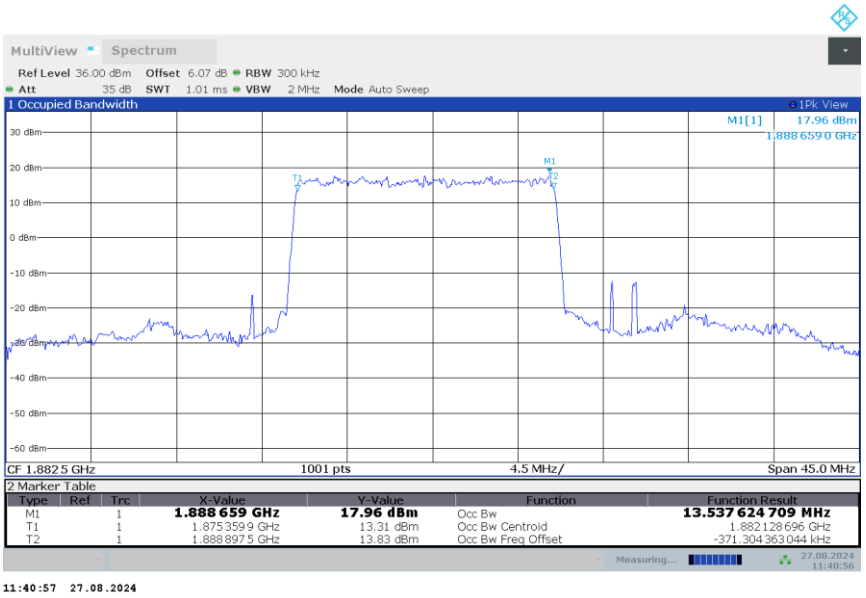


n25

n25,15MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
1882.5	13.538	13.463

n25,15MHz Bandwidth,DFT-s-pi/2 BPSK (99% BW)



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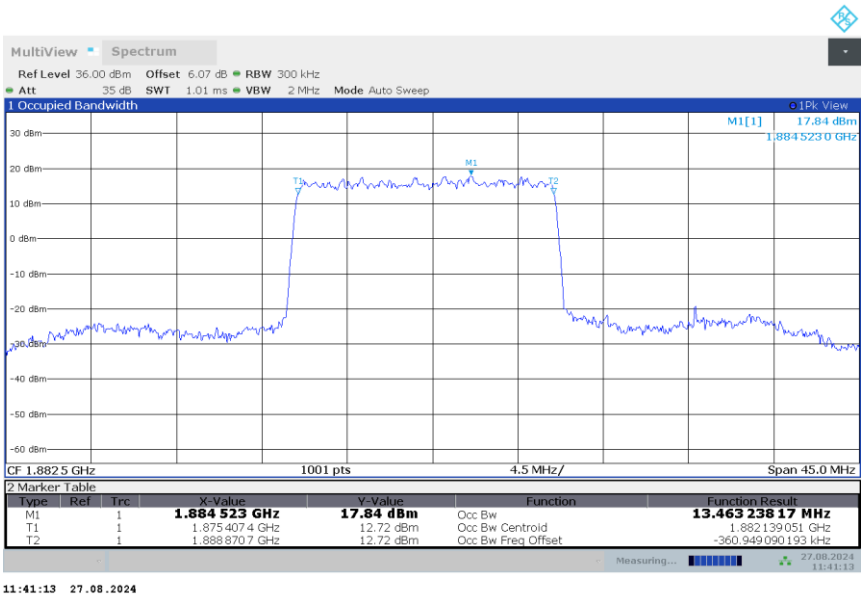
n25,15MHz Bandwidth,DFT-s-QPSK (99% BW)



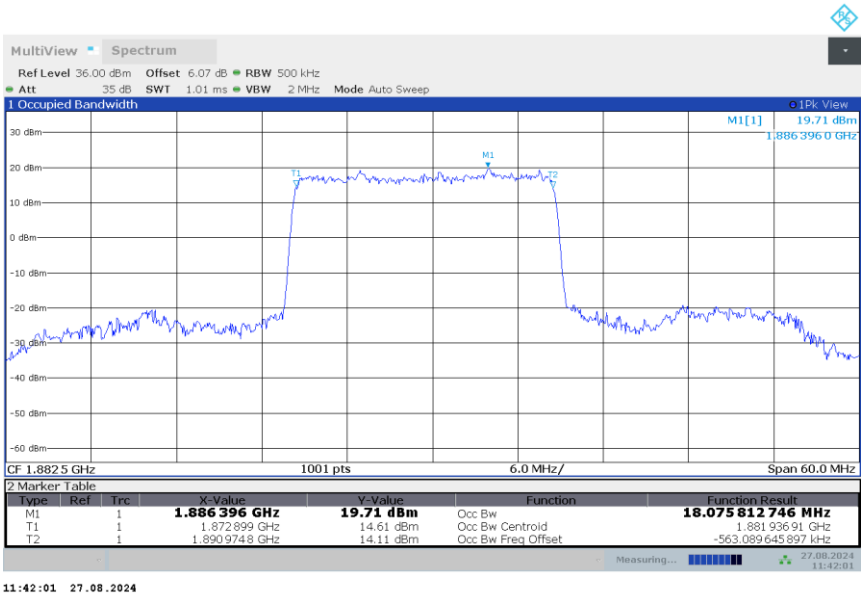
11:41:13 27.08.2024

n25

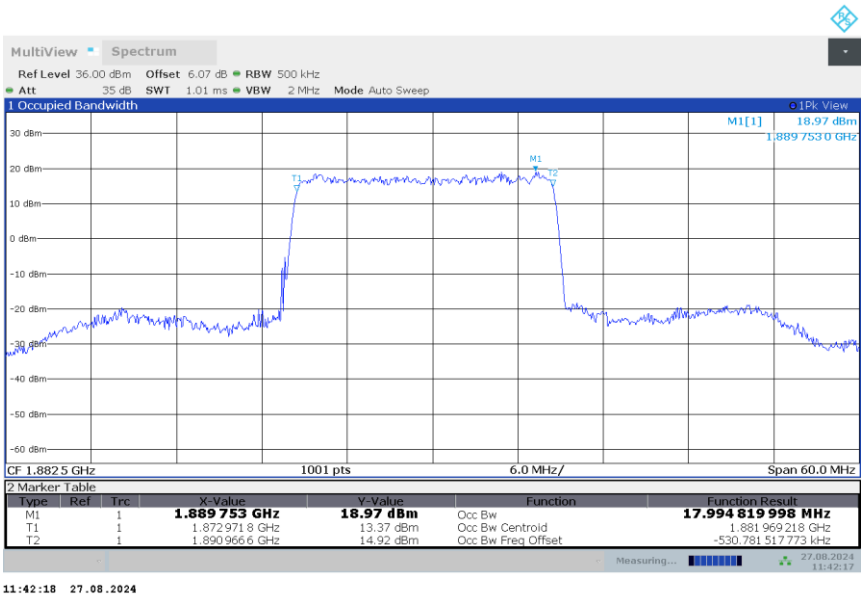
n25,20MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
1882.5	18.076	17.995

n25,20MHz Bandwidth,DFT-s-pi/2 BPSK (99% BW)



n25,20MHz Bandwidth,DFT-s-QPSK (99% BW)

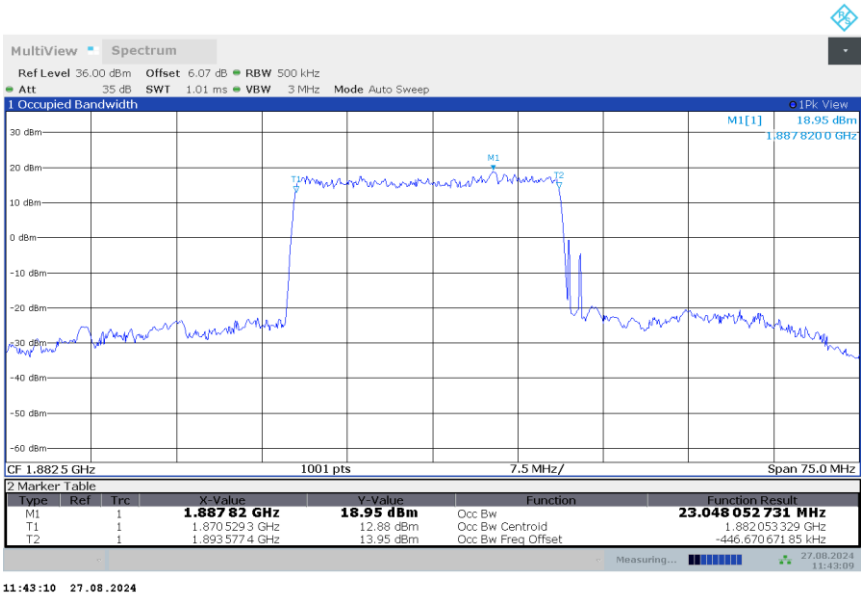


n25

n25,25MHz(99%)

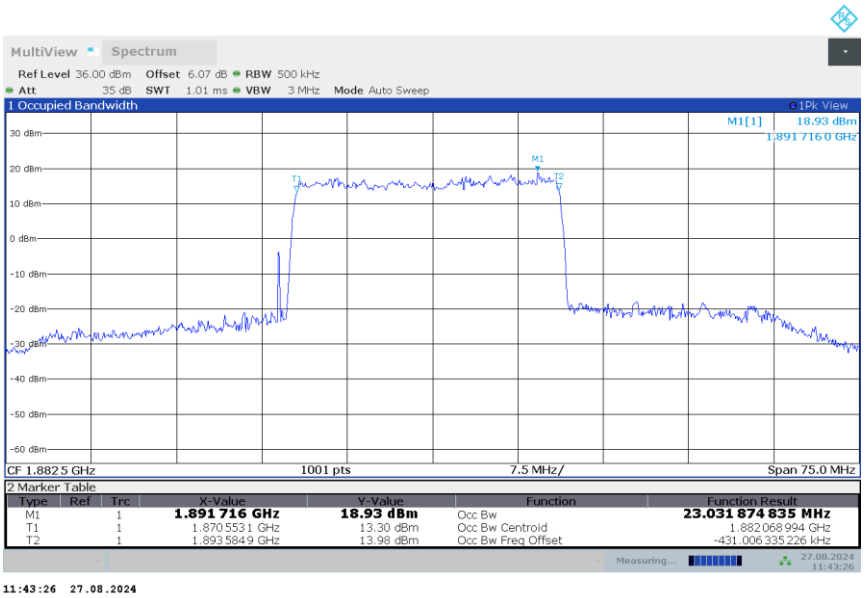
Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
1882.5	23.048	23.032

n25,25MHz Bandwidth,DFT-s-pi/2 BPSK (99% BW)



11:43:10 27.08.2024

n25,25MHz Bandwidth,DFT-s-QPSK (99% BW)



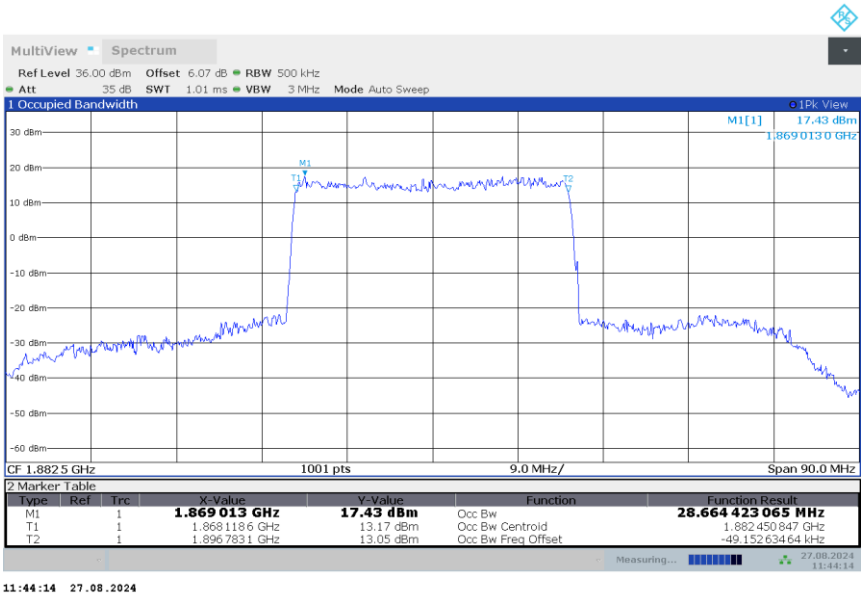
11:43:26 27.08.2024

n25

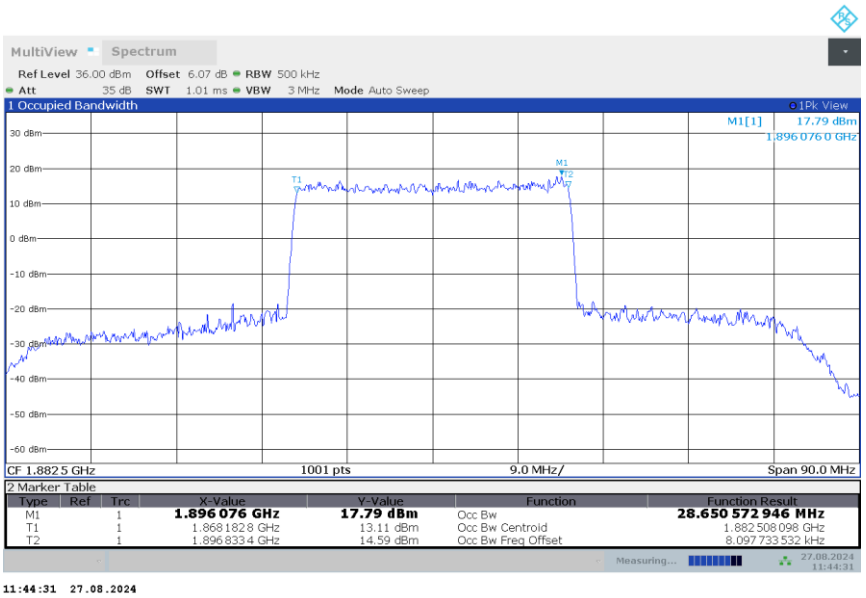
n25,30MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
1882.5	28.664	28.651

n25,30MHz Bandwidth,DFT-s-pi/2 BPSK (99% BW)



n25,30MHz Bandwidth,DFT-s-QPSK (99% BW)

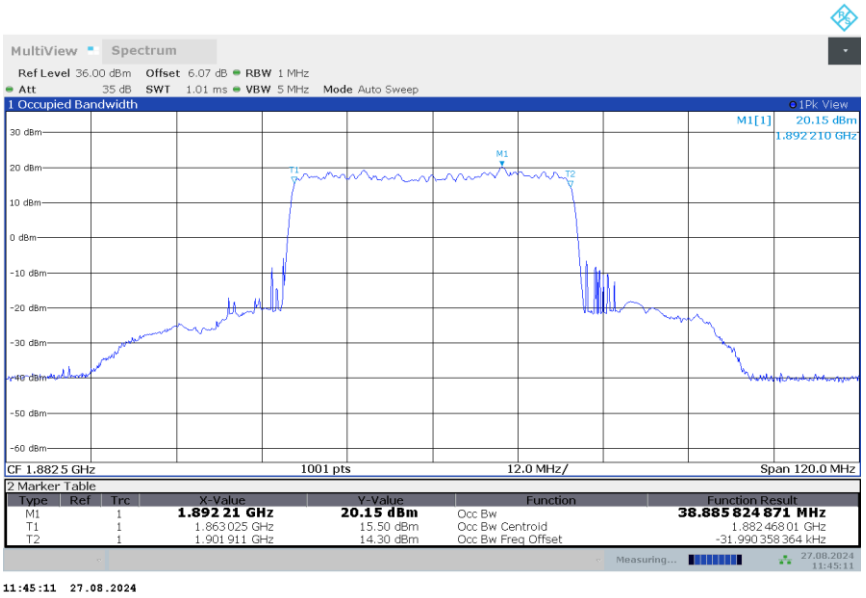


n25

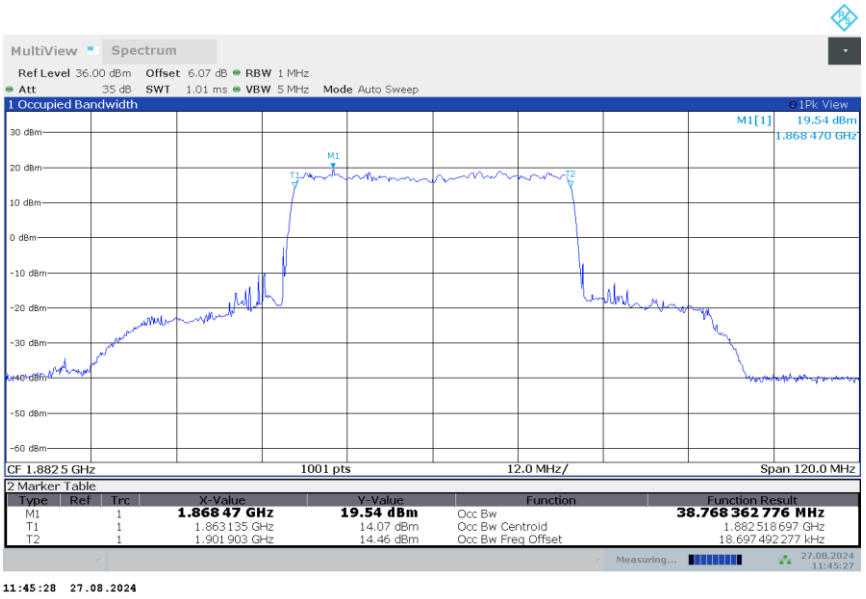
n25,40MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
1882.5	38.886	38.768

n25,40MHz Bandwidth,DFT-s-pi/2 BPSK (99% BW)



n25,40MHz Bandwidth,DFT-s-QPSK (99% BW)

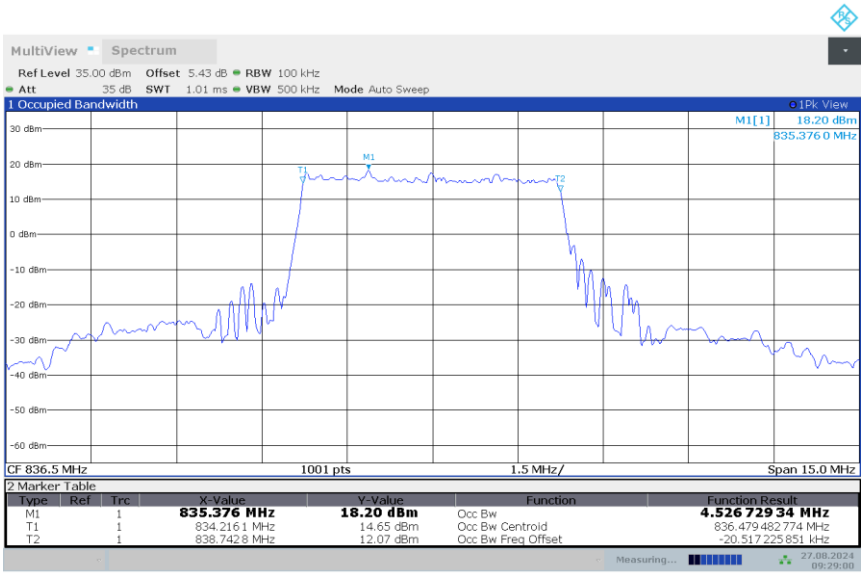


n26_Part22

n26_Part22,5MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
836.5	4.527	4.515

n26_Part22,5MHz Bandwidth,DFT-s-pi/2 BPSK (99% BW)



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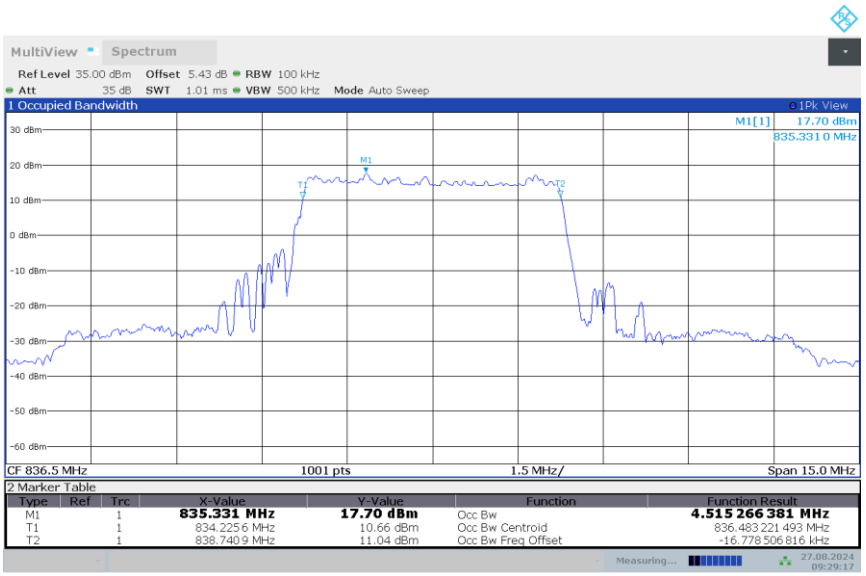
n26_Part22,5MHz Bandwidth,DFT-s-QPSK (99% BW)



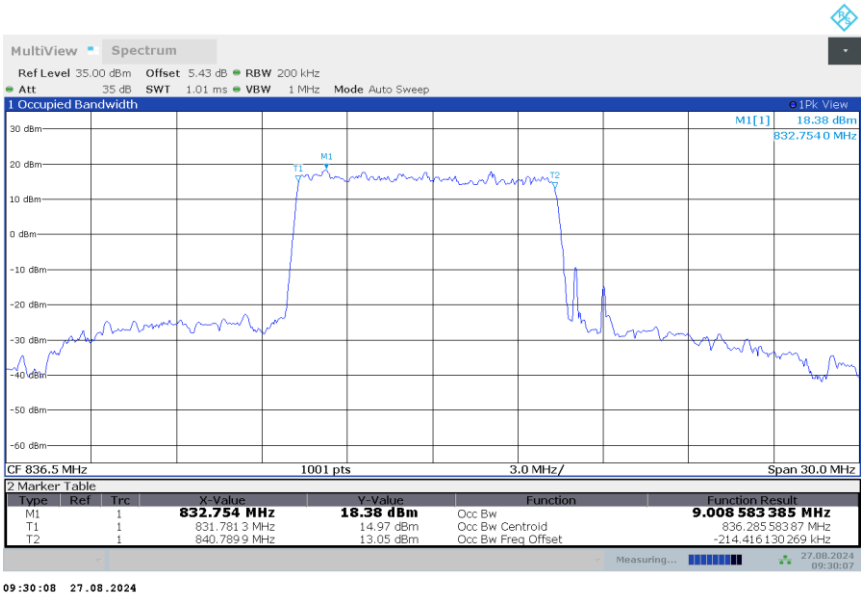
09:29:18 27.08.2024

n26_Part22

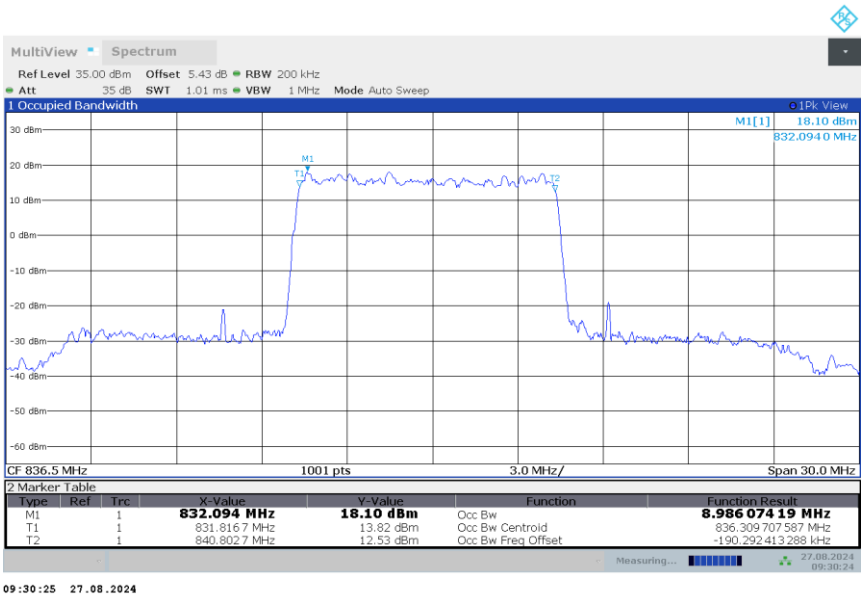
n26_Part22,10MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
836.5	9.009	8.986

n26_Part22,10MHz Bandwidth,DFT-s-pi/2 BPSK (99% BW)



n26_Part22,10MHz Bandwidth,DFT-s-QPSK (99% BW)

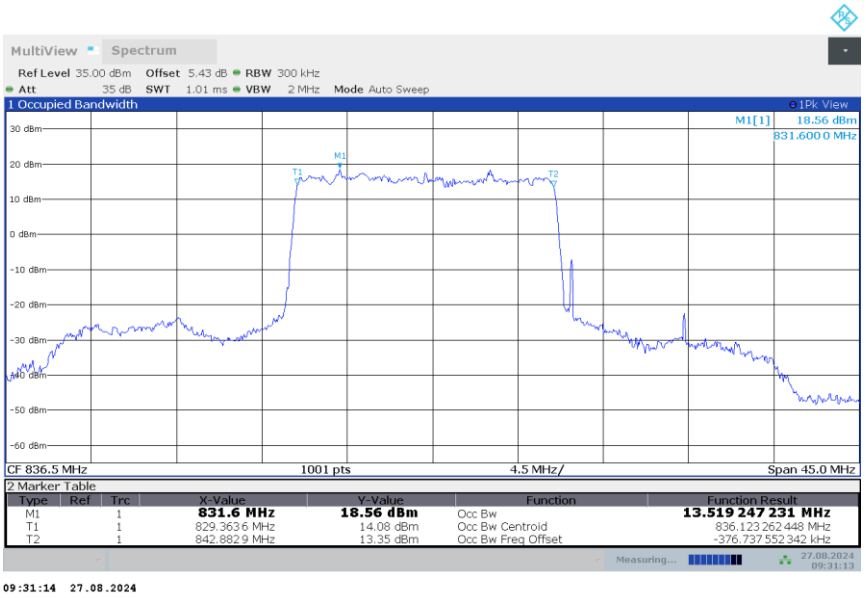


n26_Part22

n26_Part22,15MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)	
	DFT-s-pi/2 BPSK	DFT-s-QPSK
836.5	13.519	13.449

n26_Part22,15MHz Bandwidth,DFT-s-pi/2 BPSK (99% BW)



n26_Part22,15MHz Bandwidth,DFT-s-QPSK (99% BW)