Contents

1. Effective (Isotropic) Radiated Power Output Data

Test Result

NR Band n258a (Beam ID: 47+303)

DFT-s Maximum Average EIRP [dBm]

Channel	BW [MHz]	Waveform	Modulation	RB Size	RB Offset	Ant.Pol	EIRP [dBm]	MIMO EIRP [dBm]	Limit [dBm]
Low	50M	DFT-S	BPSK	1	0	H	35.65	40.26	55
Low	50M	DFT-S	BPSK			V	38.42		
Low	50M	DFT-S	BPSK	1	31	H	36.23	40.60	55
Low	50M	DFT-S	BPSK			V	38.63		
Low	50M	DFT-S	BPSK	8	4	H	43.56	48.23	55
Low	50M	DFT-S	BPSK			V	46.42		
Low	50M	DFT-S	BPSK	8	11	H	43.48	48.31	55
Low	50M	DFT-S	BPSK			V	46.58		
Low	50M	DFT-S	BPSK	8	14	H	44.22	48.60	55
Low	50M	DFT-S	BPSK			V	46.63		
Low	50M	DFT-S	BPSK	8	20	H	44.35	49.13	55
Low	50M	DFT-S	BPSK			V	47.38		
Low	50M	DFT-S	BPSK	10	11	H	47.5	50.65	55
Low	50M	DFT-S	BPSK			V	47.78		
Low	50M	DFT-S	BPSK	16	8	H	47.69	50.58	55
Low	50M	DFT-S	BPSK			V	47.45		
Low	50M	DFT-S	BPSK	32	0	H	40.34	45.24	55
Low	50M	DFT-S	BPSK			V	43.54		
Low	50M	DFT-S	QPSK	1	0	H	37.68	40.65	55
Low	50M	DFT-S	QPSK			V	37.59		
Low	50M	DFT-S	QPSK	1	31	H	30.26	42.81	55
Low	50M	DFT-S	QPSK			V	42.56		
Low	50M	DFT-S	QPSK	8	4	H	45.36	49.35	55
Low	50M	DFT-S	QPSK			V	47.14		
Low	50M	DFT-S	QPSK	8	11	H	46.26	50.14	55
Low	50M	DFT-S	QPSK			V	47.86		
Low	50M	DFT-S	QPSK	8	14	H	47.02	50.05	55
Low	50M	DFT-S	QPSK			V	47.06		
Low	50M	DFT-S	QPSK	8	20	H	46.54	50.14	55
Low	50M	DFT-S	QPSK			V	47.65		
Low	50M	DFT-S	QPSK	10	11	H	47.39	50.79	55
Low	50M	DFT-S	QPSK			V	48.13		

Low	50M	DFT-S	QPSK	16	8	H	46.57	50.09	55
Low	50M	DFT-S	QPSK			V	47.53		
Low	50M	DFT-S	QPSK	32	0	H	40.54	45.47	55
Low	50M	DFT-S	QPSK			V	43.78		
Low	50M	DFT-S	16QAM	1	0	H	36.89	40.31	55
Low	50M	DFT-S	16QAM			V	37.68		
Low	50M	DFT-S	16QAM	1	31	H	30.25	41.67	55
Low	50M	DFT-S	16QAM			V	41.35		
Low	50M	DFT-S	16QAM	8	4	H	42.56	47.38	55
Low	50M	DFT-S	16QAM			V	45.65		
Low	50M	DFT-S	16QAM	8	11	H	45.28	48.33	55
Low	50M	DFT-S	16QAM			V	45.36		
Low	50M	DFT-S	16QAM	8	14	H	45.12	48.79	55
Low	50M	DFT-S	16QAM			V	46.35		
Low	50M	DFT-S	16QAM	8	20	H	43.25	47.55	55
Low	50M	DFT-S	16QAM			V	45.54		
Low	50M	DFT-S	16QAM	10	11	H	46.35	49.69	55
Low	50M	DFT-S	16QAM			V	46.98		
Low	50M	DFT-S	16QAM	16	8	H	43.26	47.37	55
Low	50M	DFT-S	16QAM			V	45.24		
Low	50M	DFT-S	16QAM	32	0	H	40.56	45.39	55
Low	50M	DFT-S	16QAM			V	43.66		
Low	50M	DFT-S	64QAM	1	0	H	36.24	39.79	55
Low	50M	DFT-S	64QAM			V	37.26		
Low	50M	DFT-S	64QAM	1	31	H	30.21	41.03	55
Low	50M	DFT-S	64QAM			V	40.65		
Low	50M	DFT-S	64QAM	8	4	H	40.75	44.46	55
Low	50M	DFT-S	64QAM			V	42.05		
Low	50M	DFT-S	64QAM	8	11	H	41.36	45.41	55
Low	50M	DFT-S	64QAM			V	43.24		
Low	50M	DFT-S	64QAM	8	14	H	41.24	45.19	55
Low	50M	DFT-S	64QAM			V	42.96		
Low	50M	DFT-S	64QAM	8	20	H	40.01	43.74	55
Low	50M	DFT-S	64QAM			V	41.35		
Low	50M	DFT-S	64QAM	10	11	H	42.68	46.16	55
Low	50M	DFT-S	64QAM			V	43.58		
Low	50M	DFT-S	64QAM	16	8	H	39.63	43.71	55
Low	50M	DFT-S	64QAM			V	41.56		
Low	50M	DFT-S	64QAM	32	0	H	40.24	43.24	55
Low	50M	DFT-S	64QAM			V	40.22		
Mid	50M	DFT-S	BPSK	1	0	H	32.21	40.88	55
Mid	50M	DFT-S	BPSK			V	40.25		
Mid	50M	DFT-S	BPSK	1	31	H	36.22	41.63	55

Mid	50M	DFT-S	BPSK			V	40.15		
Mid	50M	DFT-S	BPSK	8	4	H	46.36	49.31	55
Mid	50M	DFT-S	BPSK			V	46.24		
Mid	50M	DFT-S	BPSK	8	11	H	46.28	49.78	55
Mid	50M	DFT-S	BPSK			V	47.21		
Mid	50M	DFT-S	BPSK	8	14	H	46.27	49.84	55
Mid	50M	DFT-S	BPSK			V	47.32		
Mid	50M	DFT-S	BPSK	8	20	H	46.54	49.97	55
Mid	50M	DFT-S	BPSK			V	47.35		
Mid	50M	DFT-S	BPSK	10	11	H	47.44	50.76	55
Mid	50M	DFT-S	BPSK			V	48.04		
Mid	50M	DFT-S	BPSK	16	8	H	46.54	49.98	55
Mid	50M	DFT-S	BPSK			V	47.36		
Mid	50M	DFT-S	BPSK	32	0	H	40.93	45.84	55
Mid	50M	DFT-S	BPSK			V	44.14		
Mid	50M	DFT-S	QPSK	1	0	H	30.12	41.67	55
Mid	50M	DFT-S	QPSK			V	41.36		
Mid	50M	DFT-S	QPSK	1	31	H	35.14	41.42	55
Mid	50M	DFT-S	QPSK			V	40.26		
Mid	50M	DFT-S	QPSK	8	4	H	46.25	49.83	55
Mid	50M	DFT-S	QPSK			V	47.33		
Mid	50M	DFT-S	QPSK	8	11	H	46.56	50.10	55
Mid	50M	DFT-S	QPSK			V	47.57		
Mid	50M	DFT-S	QPSK	8	14	H	46.35	49.87	55
Mid	50M	DFT-S	QPSK			V	47.32		
Mid	50M	DFT-S	QPSK	8	20	H	46.43	49.91	55
Mid	50M	DFT-S	QPSK			V	47.32		
Mid	50M	DFT-S	QPSK	10	11	H	47.88	50.71	55
Mid	50M	DFT-S	QPSK			V	47.51		
Mid	50M	DFT-S	QPSK	16	8	H	46.35	50.05	55
Mid	50M	DFT-S	QPSK			V	47.63		
Mid	50M	DFT-S	QPSK	32	0	H	40.95	45.58	55
Mid	50M	DFT-S	QPSK			V	43.75		
Mid	50M	DFT-S	16QAM	1	0	H	29.65	41.18	55
Mid	50M	DFT-S	16QAM			V	40.86		
Mid	50M	DFT-S	16QAM	1	31	H	35.68	41.11	55
Mid	50M	DFT-S	16QAM			V	39.65		
Mid	50M	DFT-S	16QAM	8	4	H	44.28	47.84	55
Mid	50M	DFT-S	16QAM			V	45.32		
Mid	50M	DFT-S	16QAM	8	11	H	45.42	48.92	55
Mid	50M	DFT-S	16QAM			V	46.35		
Mid	50M	DFT-S	16QAM	8	14	H	45.26	48.79	55
Mid	50M	DFT-S	16QAM			V	46.24		

Mid	50M	DFT-S	16QAM	8	20	H	44.28	47.86	55
Mid	50M	DFT-S	16QAM			V	45.36		
Mid	50M	DFT-S	16QAM	10	11	H	46.52	49.65	55
Mid	50M	DFT-S	16QAM			V	46.75		
Mid	50M	DFT-S	16QAM	16	8	H	44.23	47.82	55
Mid	50M	DFT-S	16QAM			V	45.32		
Mid	50M	DFT-S	16QAM	32	0	H	40.97	45.62	55
Mid	50M	DFT-S	16QAM			V	43.79		
Mid	50M	DFT-S	64QAM	1	0	H	29.63	41.60	55
Mid	50M	DFT-S	64QAM			V	41.32		
Mid	50M	DFT-S	64QAM	1	31	H	35.32	40.80	55
Mid	50M	DFT-S	64QAM			V	39.35		
Mid	50M	DFT-S	64QAM	8	4	H	41.45	45.05	55
Mid	50M	DFT-S	64QAM			V	42.56		
Mid	50M	DFT-S	64QAM	8	11	H	42.46	45.88	55
Mid	50M	DFT-S	64QAM			V	43.25		
Mid	50M	DFT-S	64QAM	8	14	H	42.15	45.68	55
Mid	50M	DFT-S	64QAM			V	43.14		
Mid	50M	DFT-S	64QAM	8	20	H	41.06	44.76	55
Mid	50M	DFT-S	64QAM			V	42.35		
Mid	50M	DFT-S	64QAM	10	11	H	43.14	46.41	55
Mid	50M	DFT-S	64QAM			V	43.65		
Mid	50M	DFT-S	64QAM	16	8	H	41.35	44.78	55
Mid	50M	DFT-S	64QAM			V	42.15		
Mid	50M	DFT-S	64QAM	32	0	H	40.33	43.31	55
Mid	50M	DFT-S	64QAM			V	40.26		
High	50M	DFT-S	BPSK	1	0	H	41.63	44.50	55
High	50M	DFT-S	BPSK			V	41.35		
High	50M	DFT-S	BPSK	1	31	H	33.24	41.04	55
High	50M	DFT-S	BPSK			V	40.25		
High	50M	DFT-S	BPSK	8	4	H	44.26	49.08	55
High	50M	DFT-S	BPSK			V	47.35		
High	50M	DFT-S	BPSK	8	11	H	44.36	49.25	55
High	50M	DFT-S	BPSK			V	47.54		
High	50M	DFT-S	BPSK	8	14	H	44.25	49.27	55
High	50M	DFT-S	BPSK			V	47.63		
High	50M	DFT-S	BPSK	8	20	H	44.54	49.40	55
High	50M	DFT-S	BPSK			V	47.68		
High	50M	DFT-S	BPSK	10	11	H	47.31	50.41	55
High	50M	DFT-S	BPSK			V	47.49		
High	50M	DFT-S	BPSK	16	8	H	44.52	49.19	55
High	50M	DFT-S	BPSK			V	47.38		
High	50M	DFT-S	BPSK	32	0	H	40.95	45.48	55

High	50M	DFT-S	BPSK			V	43.6		
High	50M	DFT-S	QPSK	1	0	H	28.32	41.53	55
High	50M	DFT-S	QPSK			V	41.32		
High	50M	DFT-S	QPSK	1	31	H	34.12	40.65	55
High	50M	DFT-S	QPSK			V	39.56		
High	50M	DFT-S	QPSK	8	4	H	44.24	49.08	55
High	50M	DFT-S	QPSK			V	47.35		
High	50M	DFT-S	QPSK	8	11	H	44.35	49.24	55
High	50M	DFT-S	QPSK			V	47.54		
High	50M	DFT-S	QPSK	8	14	H	44.35	49.26	55
High	50M	DFT-S	QPSK			V	47.56		
High	50M	DFT-S	QPSK	8	20	H	44.35	49.11	55
High	50M	DFT-S	QPSK			V	47.35		
High	50M	DFT-S	QPSK	10	11	H	47.66	50.65	55
High	50M	DFT-S	QPSK			V	47.61		
High	50M	DFT-S	QPSK	16	8	H	44.35	49.11	55
High	50M	DFT-S	QPSK			V	47.35		
High	50M	DFT-S	QPSK	32	0	H	40.81	45.48	55
High	50M	DFT-S	QPSK			V	43.67		
High	50M	DFT-S	16QAM	1	0	H	26.54	41.49	55
High	50M	DFT-S	16QAM			V	41.35		
High	50M	DFT-S	16QAM	1	31	H	34.52	40.58	55
High	50M	DFT-S	16QAM			V	39.35		
High	50M	DFT-S	16QAM	8	4	H	42.14	46.95	55
High	50M	DFT-S	16QAM			V	45.21		
High	50M	DFT-S	16QAM	8	11	H	43.25	48.21	55
High	50M	DFT-S	16QAM			V	46.54		
High	50M	DFT-S	16QAM	8	14	H	43.52	48.19	55
High	50M	DFT-S	16QAM			V	46.38		
High	50M	DFT-S	16QAM	8	20	H	42.36	46.99	55
High	50M	DFT-S	16QAM			V	45.16		
High	50M	DFT-S	16QAM	10	11	H	46.39	49.34	55
High	50M	DFT-S	16QAM			V	46.27		
High	50M	DFT-S	16QAM	16	8	H	42.58	47.20	55
High	50M	DFT-S	16QAM			V	45.36		
High	50M	DFT-S	16QAM	32	0	H	40.87	45.38	55
High	50M	DFT-S	16QAM			V	43.49		
High	50M	DFT-S	64QAM	1	0	H	27.14	41.54	55
High	50M	DFT-S	64QAM			V	41.38		
High	50M	DFT-S	64QAM	1	31	H	34.25	40.74	55
High	50M	DFT-S	64QAM			V	39.63		
High	50M	DFT-S	64QAM	8	4	H	39.54	44.12	55
High	50M	DFT-S	64QAM			V	42.26		

High	50M	DFT-S	64QAM	8	11	H	40.15	45.05	55
High	50M	DFT-S	64QAM			V	43.35		
High	50M	DFT-S	64QAM	8	14	H	40.26	45.04	55
High	50M	DFT-S	64QAM			V	43.28		
High	50M	DFT-S	64QAM	8	20	H	38.63	43.82	55
High	50M	DFT-S	64QAM			V	42.26		
High	50M	DFT-S	64QAM	10	11	H	43.45	46.38	55
High	50M	DFT-S	64QAM			V	43.28		
High	50M	DFT-S	64QAM	16	8	H	39.19	43.99	55
High	50M	DFT-S	64QAM			V	42.25		
High	50M	DFT-S	64QAM	32	0	H	40.24	43.16	55
High	50M	DFT-S	64QAM			V	40.06		
Low	100M	DFT-S	BPSK	1	0	H	36.24	39.94	55
Low	100M	DFT-S	BPSK			V	37.52		
Low	100M	DFT-S	BPSK	1	65	H	36.24	40.44	55
Low	100M	DFT-S	BPSK			V	38.36		
Low	100M	DFT-S	BPSK	8	4	H	44.54	47.56	55
Low	100M	DFT-S	BPSK			V	44.56		
Low	100M	DFT-S	BPSK	8	22	H	44.24	48.92	55
Low	100M	DFT-S	BPSK			V	47.11		
Low	100M	DFT-S	BPSK	8	36	H	44.26	49.06	55
Low	100M	DFT-S	BPSK			V	47.32		
Low	100M	DFT-S	BPSK	8	54	H	44.63	49.05	55
Low	100M	DFT-S	BPSK			V	47.11		
Low	100M	DFT-S	BPSK	20	23	H	47.41	50.67	55
Low	100M	DFT-S	BPSK			V	47.9		
Low	100M	DFT-S	BPSK	32	16	H	43.63	48.33	55
Low	100M	DFT-S	BPSK			V	46.54		
Low	100M	DFT-S	BPSK	64	0	H	40.52	45.32	55
Low	100M	DFT-S	BPSK			V	43.57		
Low	100M	DFT-S	QPSK	1	0	H	30.21	40.82	55
Low	100M	DFT-S	QPSK			V	40.42		
Low	100M	DFT-S	QPSK	1	65	H	37.53	40.07	55
Low	100M	DFT-S	QPSK			V	36.54		
Low	100M	DFT-S	QPSK	8	4	H	43.55	48.11	55
Low	100M	DFT-S	QPSK			V	46.24		
Low	100M	DFT-S	QPSK	8	22	H	43.24	48.01	55
Low	100M	DFT-S	QPSK			V	46.25		
Low	100M	DFT-S	QPSK	8	36	H	44.05	48.36	55
Low	100M	DFT-S	QPSK			V	46.35		
Low	100M	DFT-S	QPSK	8	54	H	43.21	48.22	55
Low	100M	DFT-S	QPSK			V	46.57		
Low	100M	DFT-S	QPSK	20	23	H	47.15	50.52	55

Low	100M	DFT-S	QPSK			V	47.84		
Low	100M	DFT-S	QPSK	32	16	H	45.68	49.46	55
Low	100M	DFT-S	QPSK			V	47.11		
Low	100M	DFT-S	QPSK	64	0	H	40.68	45.23	55
Low	100M	DFT-S	QPSK			V	43.35		
Low	100M	DFT-S	16QAM	1	0	H	36.42	41.36	55
Low	100M	DFT-S	16QAM			V	39.68		
Low	100M	DFT-S	16QAM	1	65	H	39.65	41.24	55
Low	100M	DFT-S	16QAM			V	36.11		
Low	100M	DFT-S	16QAM	8	4	H	43.11	47.18	55
Low	100M	DFT-S	16QAM			V	45.02		
Low	100M	DFT-S	16QAM	8	22	H	44.21	48.42	55
Low	100M	DFT-S	16QAM			V	46.35		
Low	100M	DFT-S	16QAM	8	36	H	44.85	48.67	55
Low	100M	DFT-S	16QAM			V	46.35		
Low	100M	DFT-S	16QAM	8	54	H	44.05	47.74	55
Low	100M	DFT-S	16QAM			V	45.32		
Low	100M	DFT-S	16QAM	20	23	H	46.35	49.36	55
Low	100M	DFT-S	16QAM			V	46.35		
Low	100M	DFT-S	16QAM	32	16	H	44.32	47.81	55
Low	100M	DFT-S	16QAM			V	45.24		
Low	100M	DFT-S	16QAM	64	0	H	40.69	45.31	55
Low	100M	DFT-S	16QAM			V	43.47		
Low	100M	DFT-S	64QAM	1	0	H	33.86	40.58	55
Low	100M	DFT-S	64QAM			V	39.54		
Low	100M	DFT-S	64QAM	1	65	H	39.54	41.21	55
Low	100M	DFT-S	64QAM			V	36.24		
Low	100M	DFT-S	64QAM	8	4	H	40.25	44.30	55
Low	100M	DFT-S	64QAM			V	42.12		
Low	100M	DFT-S	64QAM	8	22	H	41.63	45.69	55
Low	100M	DFT-S	64QAM			V	43.52		
Low	100M	DFT-S	64QAM	8	36	H	41.85	45.84	55
Low	100M	DFT-S	64QAM			V	43.63		
Low	100M	DFT-S	64QAM	8	54	H	40.57	44.69	55
Low	100M	DFT-S	64QAM			V	42.56		
Low	100M	DFT-S	64QAM	20	23	H	43.04	46.14	55
Low	100M	DFT-S	64QAM			V	43.22		
Low	100M	DFT-S	64QAM	32	16	H	41.12	44.77	55
Low	100M	DFT-S	64QAM			V	42.32		
Low	100M	DFT-S	64QAM	64	0	H	40.55	43.39	55
Low	100M	DFT-S	64QAM			V	40.21		
Mid	100M	DFT-S	BPSK	1	0	H	41.21	41.98	55
Mid	100M	DFT-S	BPSK			V	34.11		

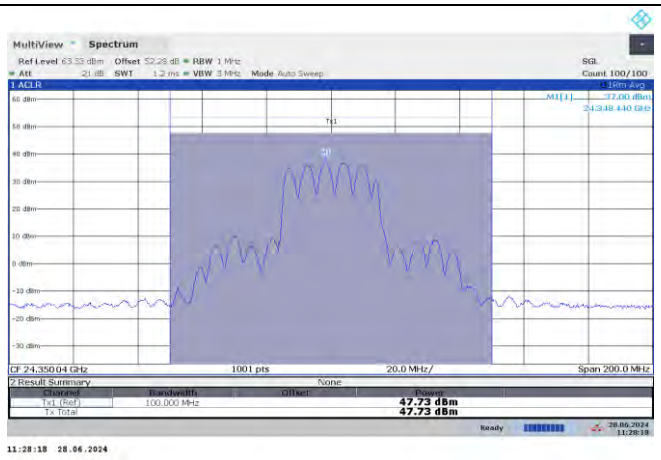
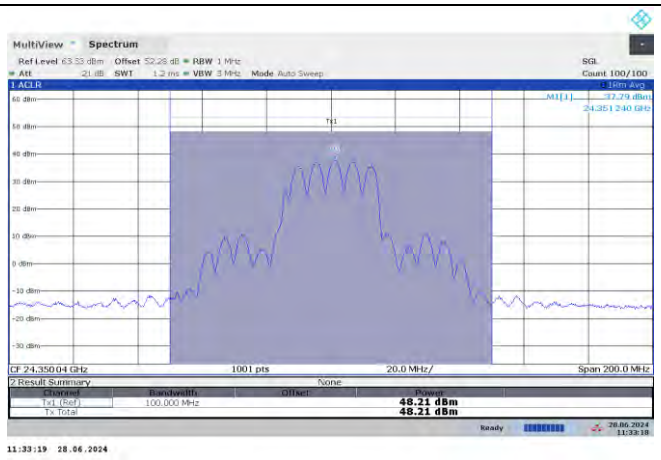
Mid	100M	DFT-S	BPSK	1	65	H	33.25	41.89	55
Mid	100M	DFT-S	BPSK			V	41.25		
Mid	100M	DFT-S	BPSK	8	4	H	47.35	50.36	55
Mid	100M	DFT-S	BPSK			V	47.35		
Mid	100M	DFT-S	BPSK	8	22	H	47.01	50.29	55
Mid	100M	DFT-S	BPSK			V	47.54		
Mid	100M	DFT-S	BPSK	8	36	H	47.21	50.24	55
Mid	100M	DFT-S	BPSK			V	47.24		
Mid	100M	DFT-S	BPSK	8	54	H	47.26	50.30	55
Mid	100M	DFT-S	BPSK			V	47.32		
Mid	100M	DFT-S	BPSK	20	23	H	47.73	50.99	55
Mid	100M	DFT-S	BPSK			V	48.21		
Mid	100M	DFT-S	BPSK	32	16	H	47.36	50.30	55
Mid	100M	DFT-S	BPSK			V	47.21		
Mid	100M	DFT-S	BPSK	64	0	H	40.69	45.30	55
Mid	100M	DFT-S	BPSK			V	43.46		
Mid	100M	DFT-S	QPSK	1	0	H	41.23	41.91	55
Mid	100M	DFT-S	QPSK			V	33.54		
Mid	100M	DFT-S	QPSK	1	65	H	29.65	41.54	55
Mid	100M	DFT-S	QPSK			V	41.25		
Mid	100M	DFT-S	QPSK	8	4	H	47.02	50.21	55
Mid	100M	DFT-S	QPSK			V	47.38		
Mid	100M	DFT-S	QPSK	8	22	H	47.25	50.16	55
Mid	100M	DFT-S	QPSK			V	47.05		
Mid	100M	DFT-S	QPSK	8	36	H	47.2	50.22	55
Mid	100M	DFT-S	QPSK			V	47.21		
Mid	100M	DFT-S	QPSK	8	54	H	47.35	50.32	55
Mid	100M	DFT-S	QPSK			V	47.26		
Mid	100M	DFT-S	QPSK	20	23	H	47.76	50.90	55
Mid	100M	DFT-S	QPSK			V	48.01		
Mid	100M	DFT-S	QPSK	32	16	H	47.32	50.25	55
Mid	100M	DFT-S	QPSK			V	47.15		
Mid	100M	DFT-S	QPSK	64	0	H	40.67	45.24	55
Mid	100M	DFT-S	QPSK			V	43.38		
Mid	100M	DFT-S	16QAM	1	0	H	40.23	40.65	55
Mid	100M	DFT-S	16QAM			V	30.25		
Mid	100M	DFT-S	16QAM	1	65	H	29.56	41.63	55
Mid	100M	DFT-S	16QAM			V	41.35		
Mid	100M	DFT-S	16QAM	8	4	H	45.32	48.28	55
Mid	100M	DFT-S	16QAM			V	45.21		
Mid	100M	DFT-S	16QAM	8	22	H	45.36	48.20	55
Mid	100M	DFT-S	16QAM			V	45.02		
Mid	100M	DFT-S	16QAM	8	36	H	46.14	49.21	55

Mid	100M	DFT-S	16QAM			V	46.25		
Mid	100M	DFT-S	16QAM	8	54	H	45.01	48.19	55
Mid	100M	DFT-S	16QAM			V	45.35		
Mid	100M	DFT-S	16QAM	20	23	H	46.35	49.31	55
Mid	100M	DFT-S	16QAM			V	46.25		
Mid	100M	DFT-S	16QAM	32	16	H	45.24	48.32	55
Mid	100M	DFT-S	16QAM			V	45.38		
Mid	100M	DFT-S	16QAM	64	0	H	40.79	45.29	55
Mid	100M	DFT-S	16QAM			V	43.39		
Mid	100M	DFT-S	64QAM	1	0	H	41.36	41.98	55
Mid	100M	DFT-S	64QAM			V	33.24		
Mid	100M	DFT-S	64QAM	1	65	H	40.21	41.51	55
Mid	100M	DFT-S	64QAM			V	35.63		
Mid	100M	DFT-S	64QAM	8	4	H	42.21	44.95	55
Mid	100M	DFT-S	64QAM			V	41.65		
Mid	100M	DFT-S	64QAM	8	22	H	43.05	46.07	55
Mid	100M	DFT-S	64QAM			V	43.06		
Mid	100M	DFT-S	64QAM	8	36	H	42.35	45.83	55
Mid	100M	DFT-S	64QAM			V	43.24		
Mid	100M	DFT-S	64QAM	8	54	H	42.32	45.20	55
Mid	100M	DFT-S	64QAM			V	42.05		
Mid	100M	DFT-S	64QAM	20	23	H	43.06	46.15	55
Mid	100M	DFT-S	64QAM			V	43.21		
Mid	100M	DFT-S	64QAM	32	16	H	42.11	45.23	55
Mid	100M	DFT-S	64QAM			V	42.32		
Mid	100M	DFT-S	64QAM	64	0	H	40.69	43.49	55
Mid	100M	DFT-S	64QAM			V	40.25		
High	100M	DFT-S	BPSK	1	0	H	36.25	41.01	55
High	100M	DFT-S	BPSK			V	39.24		
High	100M	DFT-S	BPSK	1	65	H	36.52	41.15	55
High	100M	DFT-S	BPSK			V	39.32		
High	100M	DFT-S	BPSK	8	4	H	45.36	49.39	55
High	100M	DFT-S	BPSK			V	47.21		
High	100M	DFT-S	BPSK	8	22	H	45.03	49.21	55
High	100M	DFT-S	BPSK			V	47.12		
High	100M	DFT-S	BPSK	8	36	H	45.23	49.56	55
High	100M	DFT-S	BPSK			V	47.56		
High	100M	DFT-S	BPSK	8	54	H	45.32	49.52	55
High	100M	DFT-S	BPSK			V	47.44		
High	100M	DFT-S	BPSK	20	23	H	47.15	50.42	55
High	100M	DFT-S	BPSK			V	47.65		
High	100M	DFT-S	BPSK	32	16	H	45.22	49.41	55
High	100M	DFT-S	BPSK			V	47.32		

High	100M	DFT-S	BPSK	64	0	H	40.69	45.19	55
High	100M	DFT-S	BPSK			V	43.28		
High	100M	DFT-S	QPSK	1	0	H	39.25	40.41	55
High	100M	DFT-S	QPSK			V	34.12		
High	100M	DFT-S	QPSK	1	65	H	28.11	41.27	55
High	100M	DFT-S	QPSK			V	41.05		
High	100M	DFT-S	QPSK	8	4	H	45.12	49.24	55
High	100M	DFT-S	QPSK			V	47.11		
High	100M	DFT-S	QPSK	8	22	H	45.03	49.33	55
High	100M	DFT-S	QPSK			V	47.32		
High	100M	DFT-S	QPSK	8	36	H	45.36	49.36	55
High	100M	DFT-S	QPSK			V	47.15		
High	100M	DFT-S	QPSK	8	54	H	45.11	49.36	55
High	100M	DFT-S	QPSK			V	47.32		
High	100M	DFT-S	QPSK	20	23	H	47.09	50.18	55
High	100M	DFT-S	QPSK			V	47.24		
High	100M	DFT-S	QPSK	32	16	H	42.35	45.31	55
High	100M	DFT-S	QPSK			V	42.25		
High	100M	DFT-S	QPSK	64	0	H	40.78	45.16	55
High	100M	DFT-S	QPSK			V	43.19		
High	100M	DFT-S	16QAM	1	0	H	39.32	40.47	55
High	100M	DFT-S	16QAM			V	34.12		
High	100M	DFT-S	16QAM	1	65	H	28.32	41.47	55
High	100M	DFT-S	16QAM			V	41.25		
High	100M	DFT-S	16QAM	8	4	H	43.25	47.44	55
High	100M	DFT-S	16QAM			V	45.35		
High	100M	DFT-S	16QAM	8	22	H	44.25	48.39	55
High	100M	DFT-S	16QAM			V	46.28		
High	100M	DFT-S	16QAM	8	36	H	44.05	48.24	55
High	100M	DFT-S	16QAM			V	46.15		
High	100M	DFT-S	16QAM	8	54	H	43.05	47.21	55
High	100M	DFT-S	16QAM			V	45.11		
High	100M	DFT-S	16QAM	20	23	H	46.32	49.31	55
High	100M	DFT-S	16QAM			V	46.28		
High	100M	DFT-S	16QAM	32	16	H	43.11	47.33	55
High	100M	DFT-S	16QAM			V	45.26		
High	100M	DFT-S	16QAM	64	0	H	40.79	45.16	55
High	100M	DFT-S	16QAM			V	43.18		
High	100M	DFT-S	64QAM	1	0	H	39.24	40.22	55
High	100M	DFT-S	64QAM			V	33.25		
High	100M	DFT-S	64QAM	1	65	H	28.11	41.52	55
High	100M	DFT-S	64QAM			V	41.32		
High	100M	DFT-S	64QAM	8	4	H	40.22	44.28	55

High	100M	DFT-S	64QAM			V	42.12		
High	100M	DFT-S	64QAM	8	22	H	41.05	45.17	55
High	100M	DFT-S	64QAM			V	43.05		
High	100M	DFT-S	64QAM	8	36	H	41.24	45.35	55
High	100M	DFT-S	64QAM			V	43.21		
High	100M	DFT-S	64QAM	8	54	H	40.06	43.22	55
High	100M	DFT-S	64QAM			V	40.36		
High	100M	DFT-S	64QAM	20	23	H	43.21	46.17	55
High	100M	DFT-S	64QAM			V	43.11		
High	100M	DFT-S	64QAM	32	16	H	40.01	44.22	55
High	100M	DFT-S	64QAM			V	42.15		
High	100M	DFT-S	64QAM	64	0	H	40.46	43.35	55
High	100M	DFT-S	64QAM			V	40.22		
Mid	200M	DFT-S	BPSK	1	0	H	36.24	40.62	55
Mid	200M	DFT-S	BPSK			V	38.65		
Mid	200M	DFT-S	BPSK	1	131	H	36.35	40.59	55
Mid	200M	DFT-S	BPSK			V	38.54		
Mid	200M	DFT-S	BPSK	8	4	H	43.25	47.30	55
Mid	200M	DFT-S	BPSK			V	45.12		
Mid	200M	DFT-S	BPSK	8	44	H	45.13	48.90	55
Mid	200M	DFT-S	BPSK			V	46.53		
Mid	200M	DFT-S	BPSK	8	80	H	46.14	49.68	55
Mid	200M	DFT-S	BPSK			V	47.15		
Mid	200M	DFT-S	BPSK	8	120	H	44.13	47.78	55
Mid	200M	DFT-S	BPSK			V	45.32		
Mid	200M	DFT-S	BPSK	40	44	H	47.27	50.57	55
Mid	200M	DFT-S	BPSK			V	47.83		
Mid	200M	DFT-S	BPSK	64	32	H	44.16	47.81	55
Mid	200M	DFT-S	BPSK			V	45.35		
Mid	200M	DFT-S	BPSK	128	0	H	40.74	45.24	55
Mid	200M	DFT-S	BPSK			V	43.33		
Mid	200M	DFT-S	QPSK	1	0	H	37.26	40.26	55
Mid	200M	DFT-S	QPSK			V	37.24		
Mid	200M	DFT-S	QPSK	1	131	H	40.35	40.87	55
Mid	200M	DFT-S	QPSK			V	31.36		
Mid	200M	DFT-S	QPSK	8	4	H	43.25	47.42	55
Mid	200M	DFT-S	QPSK			V	45.32		
Mid	200M	DFT-S	QPSK	8	44	H	46.24	49.84	55
Mid	200M	DFT-S	QPSK			V	47.35		
Mid	200M	DFT-S	QPSK	8	80	H	45.35	49.42	55
Mid	200M	DFT-S	QPSK			V	47.26		
Mid	200M	DFT-S	QPSK	8	120	H	44.23	47.27	55
Mid	200M	DFT-S	QPSK			V	44.28		

Mid	200M	DFT-S	QPSK	40	44	H	47.58	50.39	55
Mid	200M	DFT-S	QPSK			V	47.18		
Mid	200M	DFT-S	QPSK	64	32	H	44.36	47.84	55
Mid	200M	DFT-S	QPSK			V	45.26		
Mid	200M	DFT-S	QPSK	128	0	H	40.79	45.30	55
Mid	200M	DFT-S	QPSK			V	43.4		
Mid	200M	DFT-S	16QAM	1	0	H	37.63	40.39	55
Mid	200M	DFT-S	16QAM			V	37.12		
Mid	200M	DFT-S	16QAM	1	131	H	41.06	41.44	55
Mid	200M	DFT-S	16QAM			V	30.63		
Mid	200M	DFT-S	16QAM	8	4	H	42.36	46.01	55
Mid	200M	DFT-S	16QAM			V	43.56		
Mid	200M	DFT-S	16QAM	8	44	H	44.25	47.79	55
Mid	200M	DFT-S	16QAM			V	45.25		
Mid	200M	DFT-S	16QAM	8	80	H	45.12	48.74	55
Mid	200M	DFT-S	16QAM			V	46.26		
Mid	200M	DFT-S	16QAM	8	120	H	43.25	46.79	55
Mid	200M	DFT-S	16QAM			V	44.25		
Mid	200M	DFT-S	16QAM	40	44	H	46.11	49.19	55
Mid	200M	DFT-S	16QAM			V	46.25		
Mid	200M	DFT-S	16QAM	64	32	H	43.05	46.63	55
Mid	200M	DFT-S	16QAM			V	44.12		
Mid	200M	DFT-S	16QAM	128	0	H	40.69	45.19	55
Mid	200M	DFT-S	16QAM			V	43.29		
Mid	200M	DFT-S	64QAM	1	0	H	37.21	38.36	55
Mid	200M	DFT-S	64QAM			V	32.02		
Mid	200M	DFT-S	64QAM	1	131	H	40.21	40.73	55
Mid	200M	DFT-S	64QAM			V	31.26		
Mid	200M	DFT-S	64QAM	8	4	H	40.35	43.95	55
Mid	200M	DFT-S	64QAM			V	41.45		
Mid	200M	DFT-S	64QAM	8	44	H	41.58	45.51	55
Mid	200M	DFT-S	64QAM			V	43.25		
Mid	200M	DFT-S	64QAM	8	80	H	42.05	45.57	55
Mid	200M	DFT-S	64QAM			V	43.02		
Mid	200M	DFT-S	64QAM	8	120	H	41.23	44.78	55
Mid	200M	DFT-S	64QAM			V	42.25		
Mid	200M	DFT-S	64QAM	40	44	H	43.63	46.62	55
Mid	200M	DFT-S	64QAM			V	43.58		
Mid	200M	DFT-S	64QAM	64	32	H	41.21	44.83	55
Mid	200M	DFT-S	64QAM			V	42.36		
Mid	200M	DFT-S	64QAM	128	0	H	40.54	43.46	55
Mid	200M	DFT-S	64QAM			V	40.35		

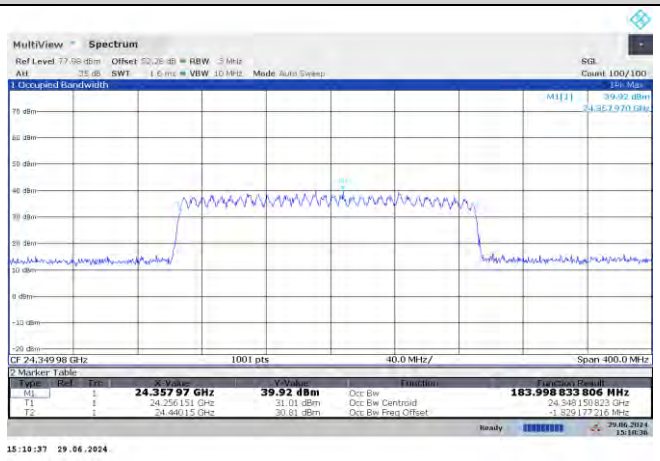
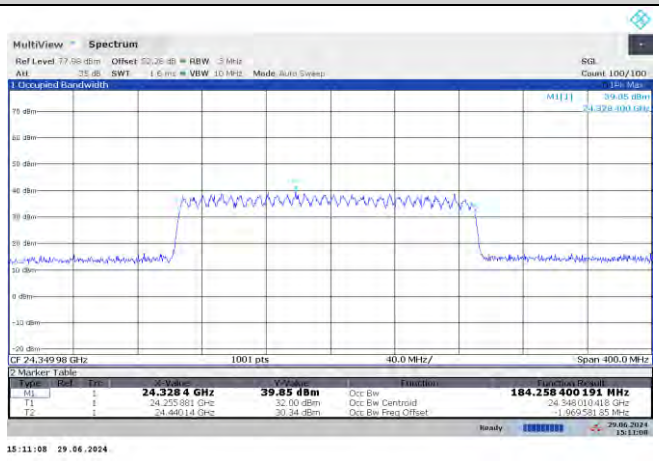
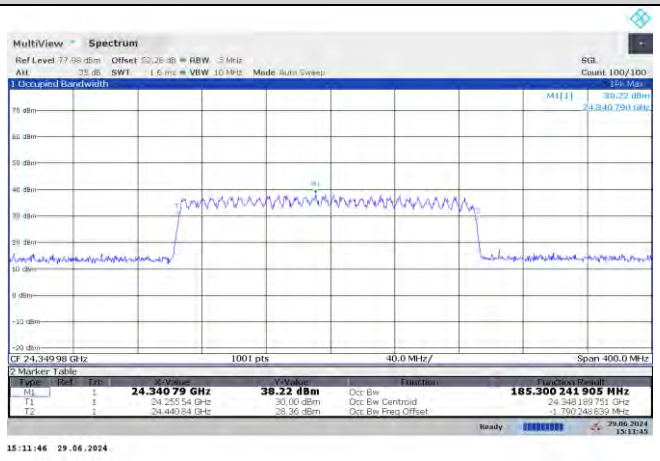
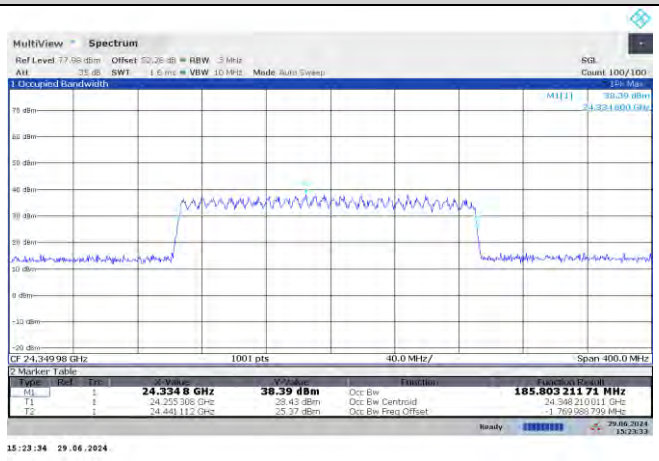
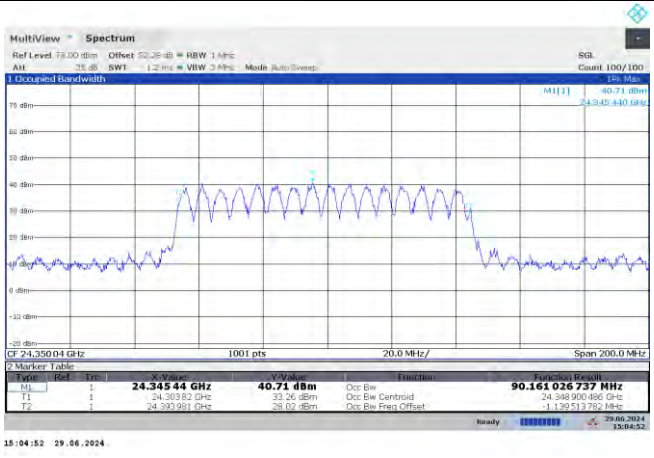
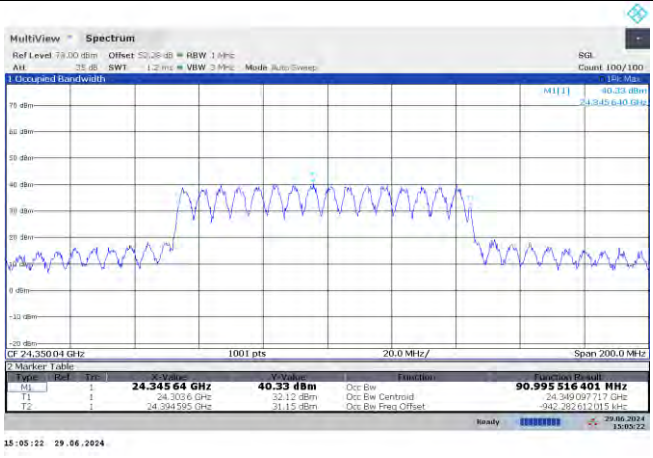
Worse data n258-a 100MHz-BPSK-Mid CH-20RB23	
H	V
	

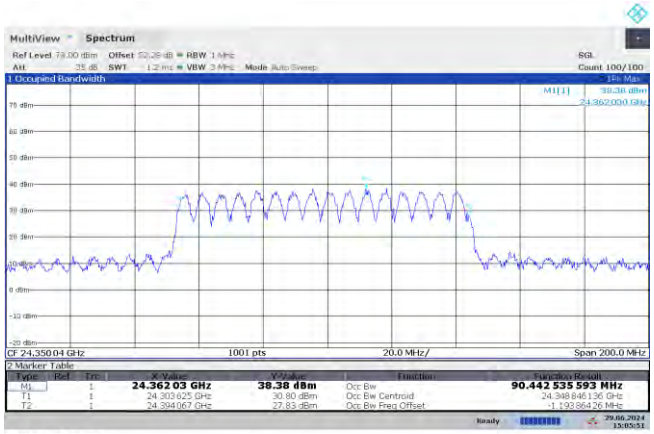
2. Occupied Bandwidth

Test Result

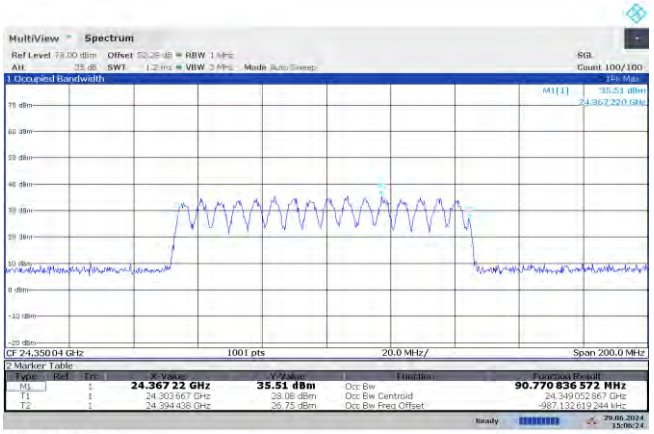
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)
n258a	200MHz	BPSK	Mid	128RB#0	183.998
n258a	200MHz	QPSK	Mid	128RB#0	184.258
n258a	200MHz	16QAM	Mid	128RB#0	185.300
n258a	200MHz	64QAM	Mid	128RB#0	185.803
n258a	100MHz	BPSK	Mid	64RB#0	90.161
n258a	100MHz	QPSK	Mid	64RB#0	90.995
n258a	100MHz	16QAM	Mid	64RB#0	90.442
n258a	100MHz	64QAM	Mid	64RB#0	90.770
n258a	50MHz	BPSK	Mid	32RB#0	46.272
n258a	50MHz	QPSK	Mid	32RB#0	46.619
n258a	50MHz	16QAM	Mid	32RB#0	46.411
n258a	50MHz	64QAM	Mid	32RB#0	46.370

Test Graphs

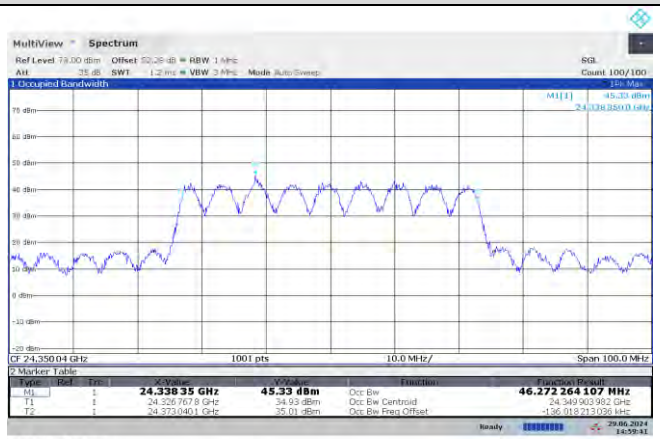
n258-a 200MHz-BPSK-Mid CH-128RB0	n258-a 200MHz-QPSK-Mid CH-128RB0
	
n258-a 200MHz-16QAM-Mid CH-128RB0	n258-a 200MHz-64QAM-Mid CH-128RB0
	
n258-a 100MHz-BPSK-Mid CH-64RB0	n258-a 100MHz-QPSK-Mid CH-64RB0
	
n258-a 100MHz-16QAM-Mid CH-64RB0	n258-a 100MHz-64QAM-Mid CH-64RB0



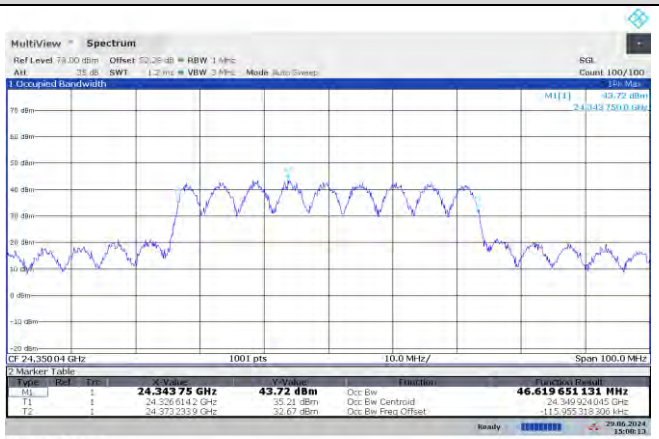
n258-a 50MHz-BPSK-Mid CH-32RB0



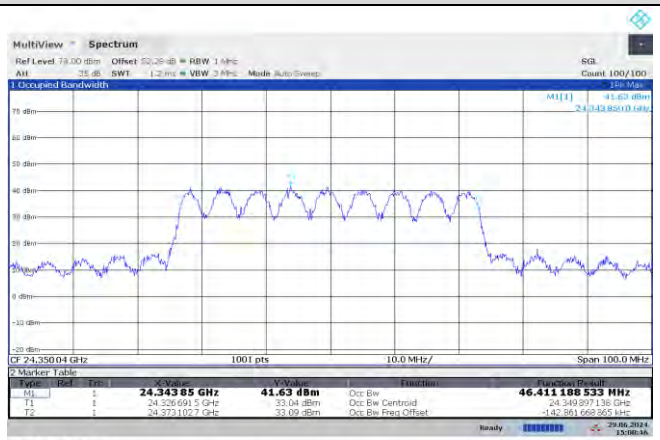
n258-a 50MHz-QPSK-Mid CH-32RB0

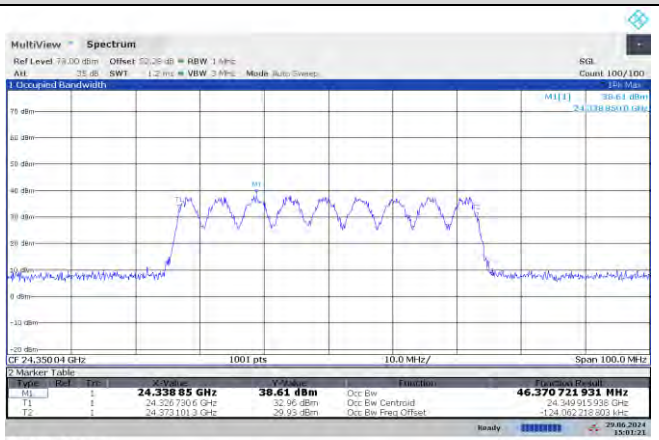


n258-a 50MHz-16QAM-Mid CH-32RB0



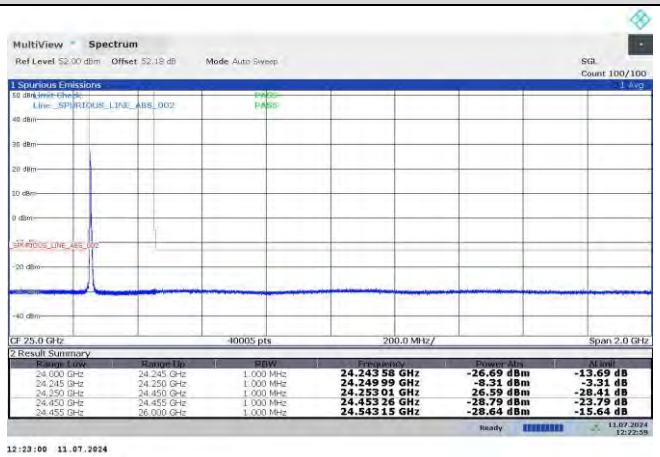
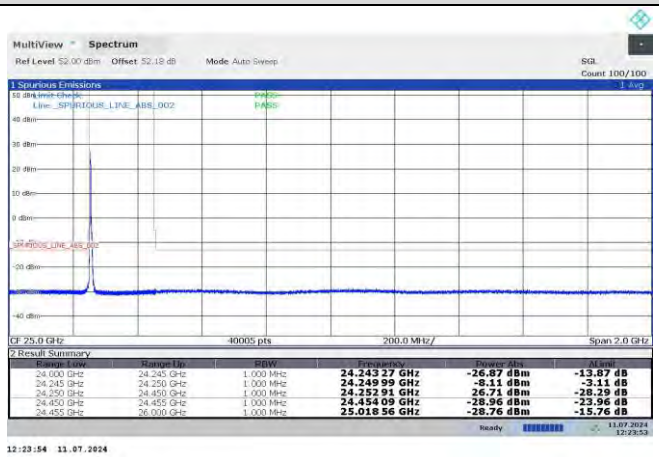
n258-a 50MHz-64QAM-Mid CH-32RB0

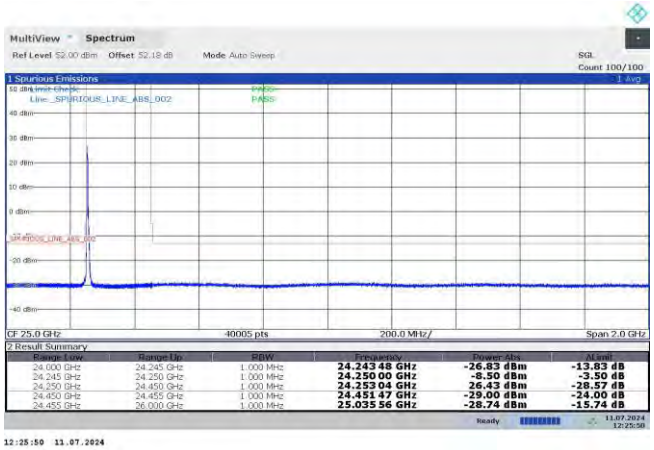
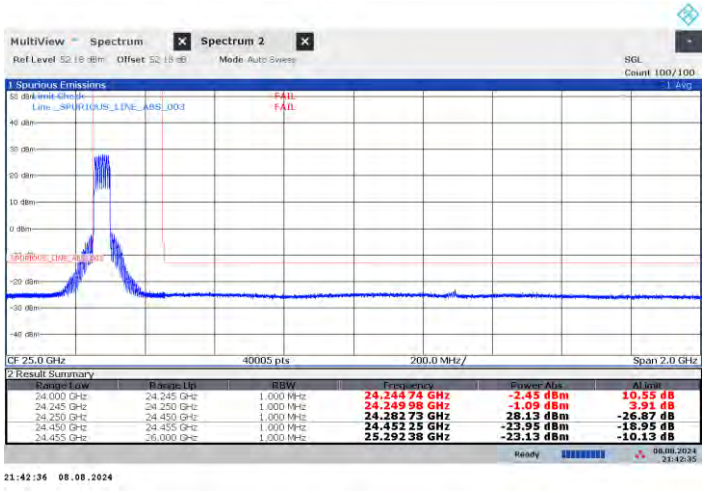


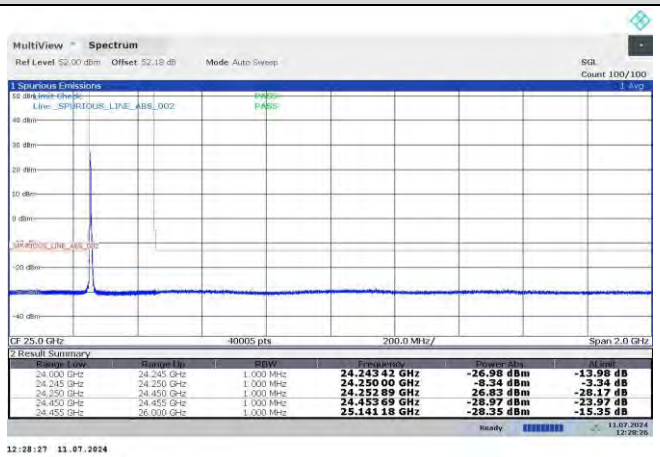
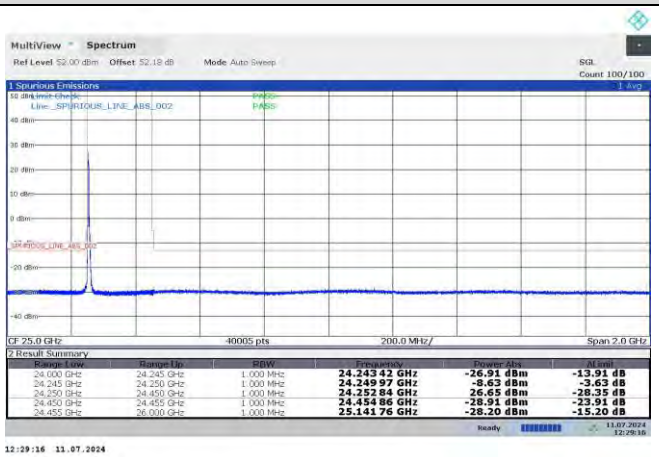
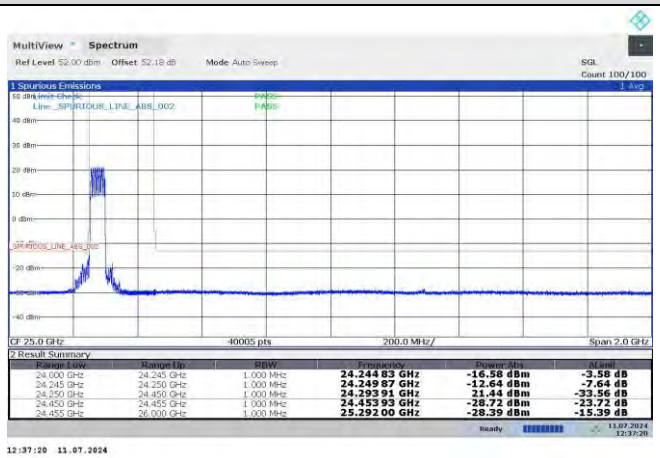
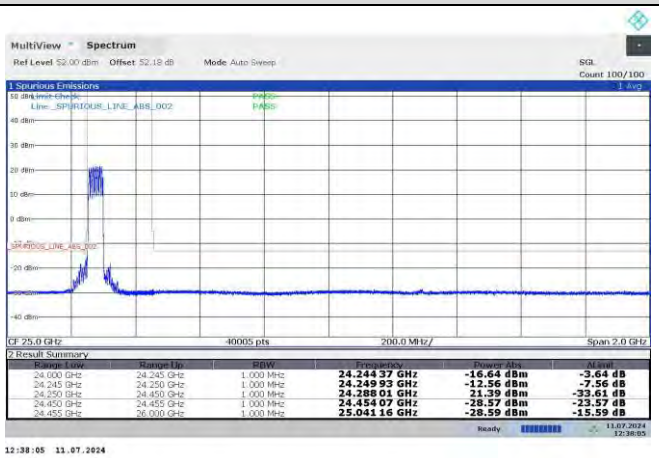
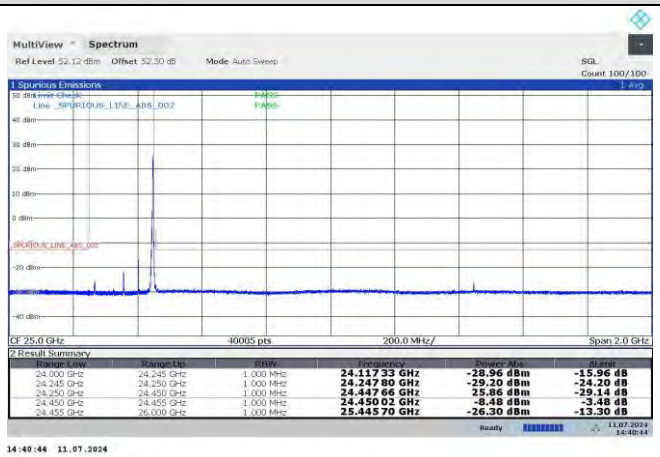
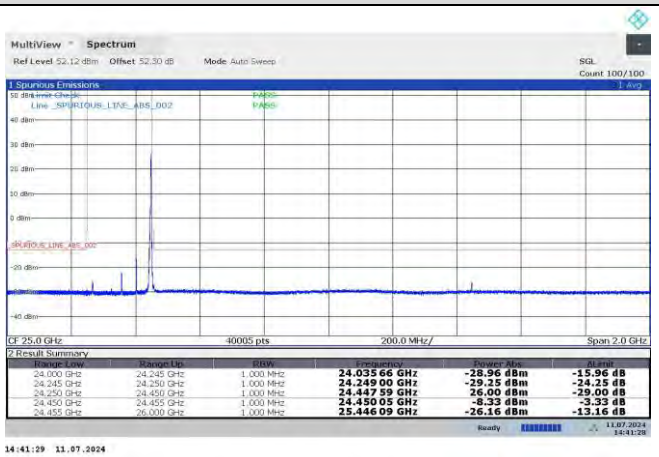


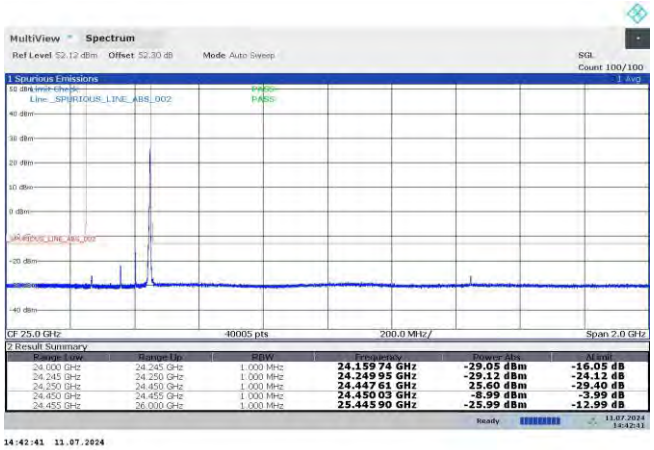
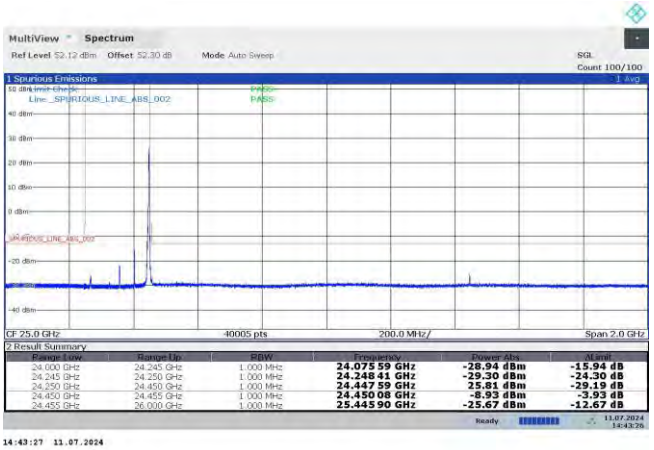
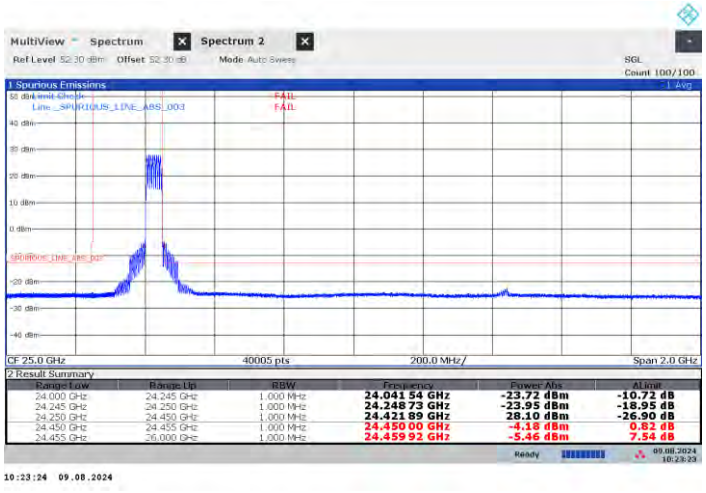
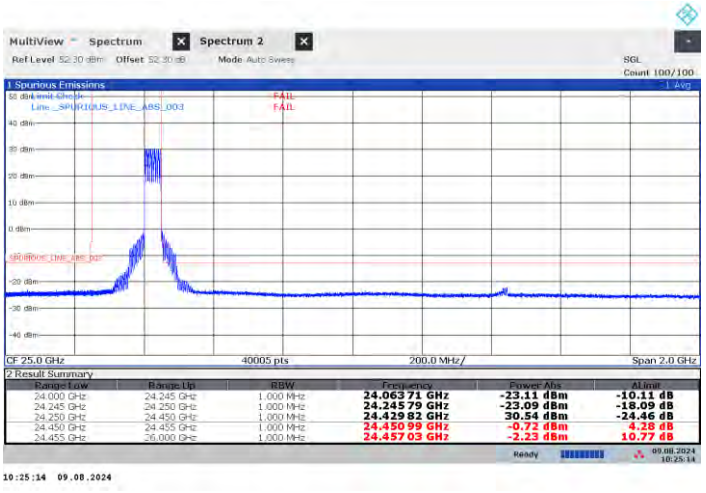
3. Out-of-Band Emissions at the Band Edge

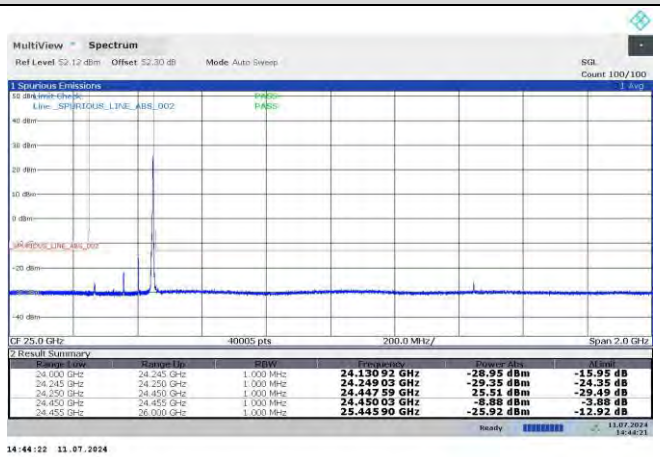
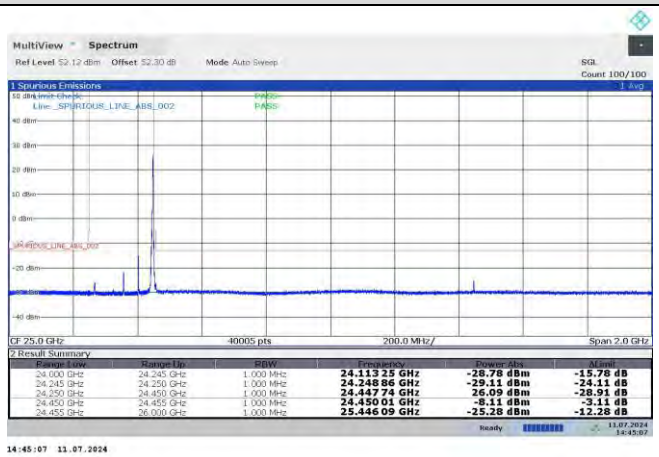
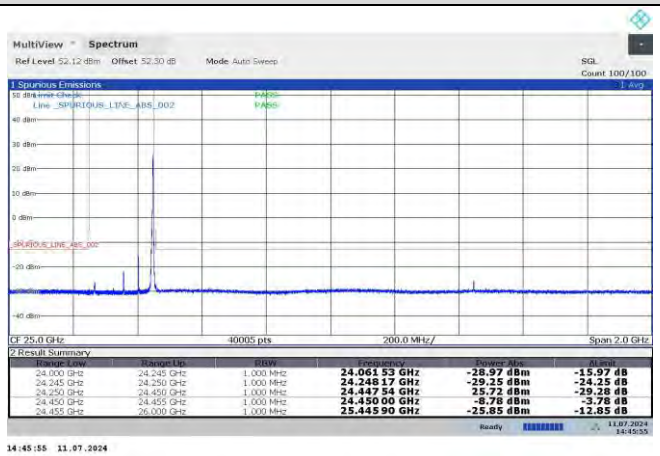
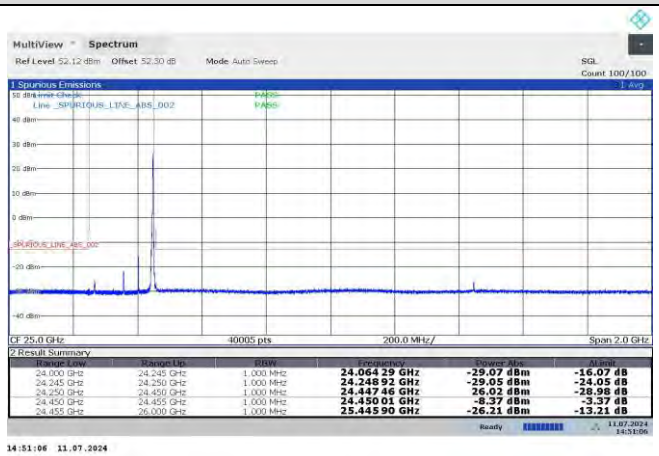
Test Graphs

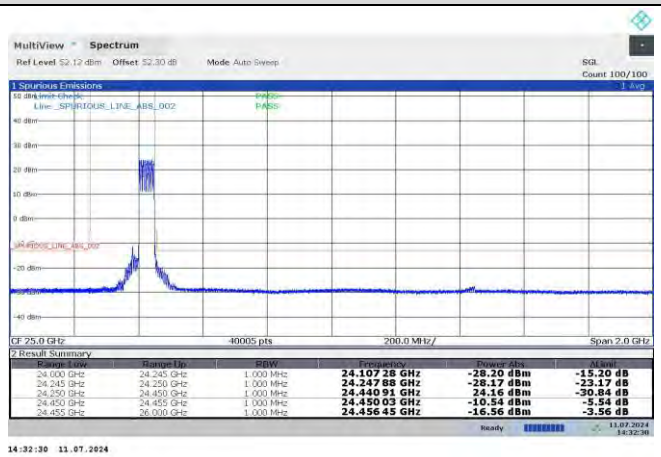
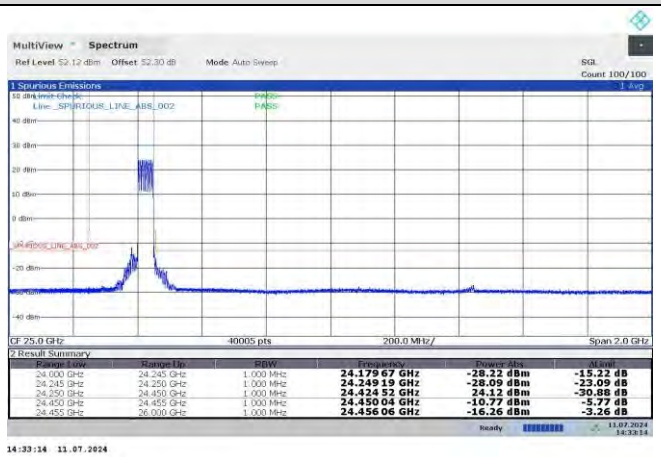
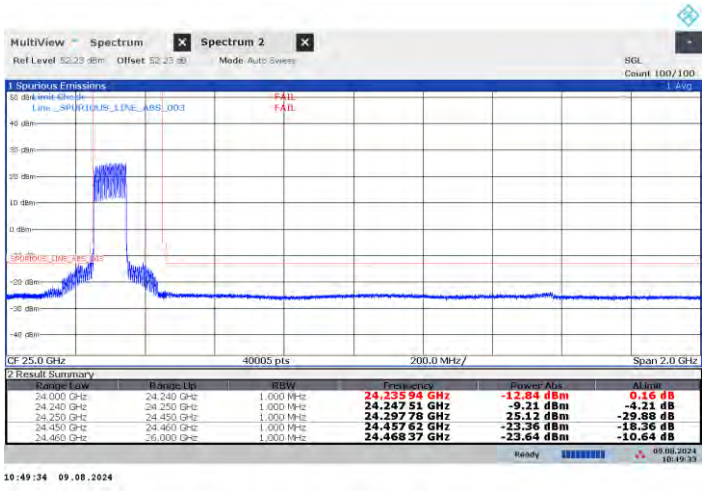
n258-a 50MHz-BPSK-Low -H-1RB0	n258-a 50MHz-BPSK-Low -V-1RB0
	
n258-a 50MHz-BPSK-Low -H-32RB0	n258-a 50MHz-BPSK-Low -V-32RB0
	
n258-a 50MHz-QPSK-Low -H-1RB0	n258-a 50MHz-QPSK-Low -V-1RB0
	

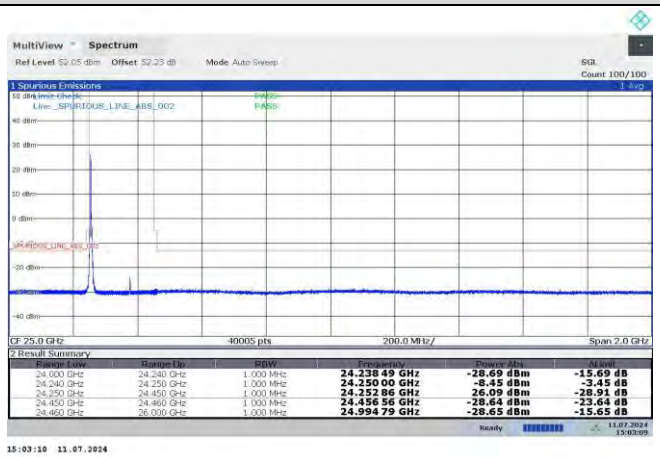
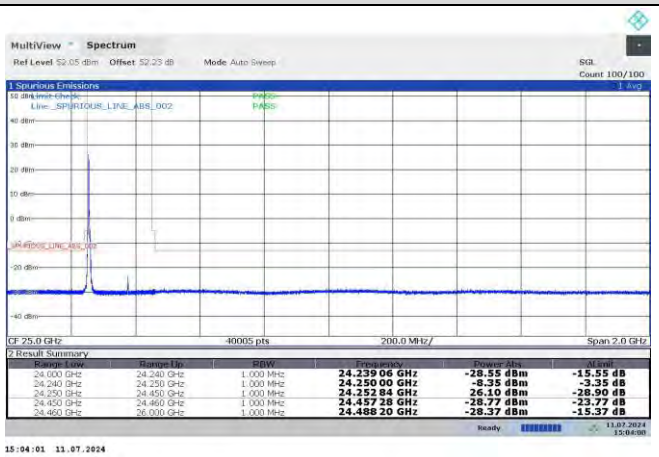
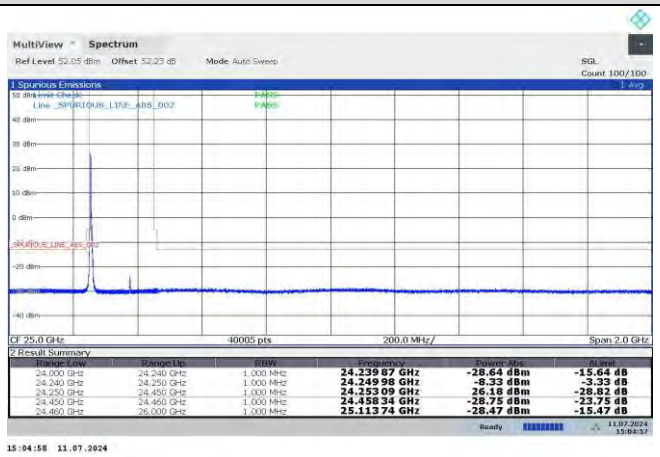
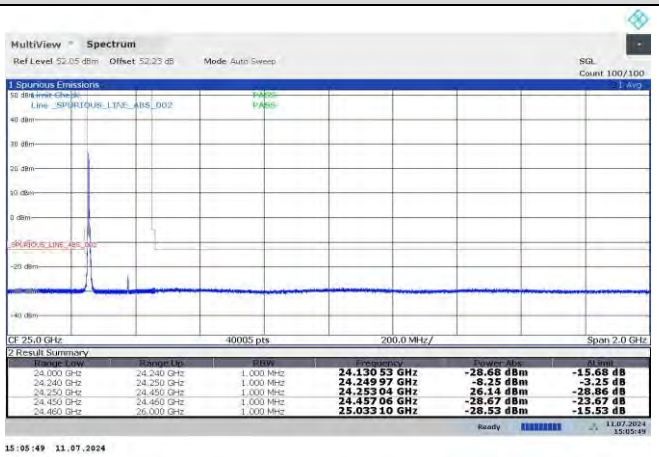
n258-a 50MHz-QPSK-Low -H-32RB0	n258-a 50MHz-QPSK-Low -V-32RB0
	
n258-a 50MHz-16QAM-Low -H-1RB0	n258-a 50MHz-16QAM -Low -V-1RB0
	
n258-a 50MHz-16QAM -Low -H-32RB0	n258-a 50MHz-16QAM -Low -V-32RB0
	

n258-a 50MHz-64QAM-Low -H-1RB0	n258-a 50MHz-64QAM -Low -V-1RB0
	
n258-a 50MHz-64QAM -Low -H-32RB0	n258-a 50MHz-64QAM -Low -V-32RB0
	
n258-a 50MHz-BPSK-High -H-1RB31	n258-a 50MHz-BPSK- High -V-1RB31
	

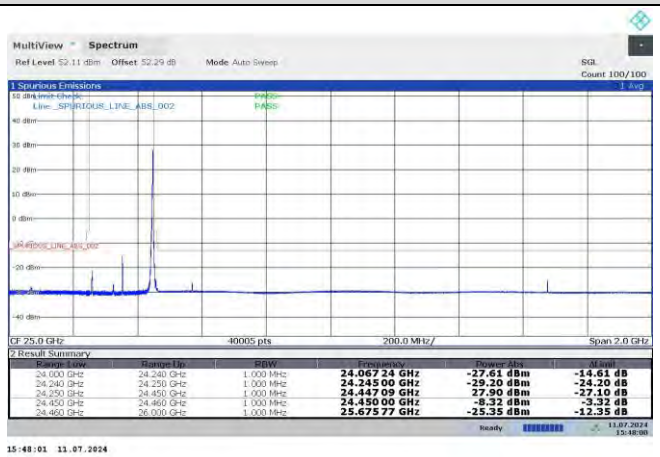
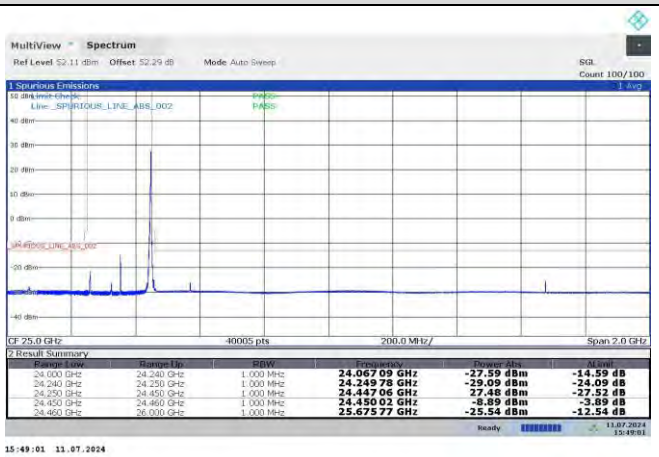
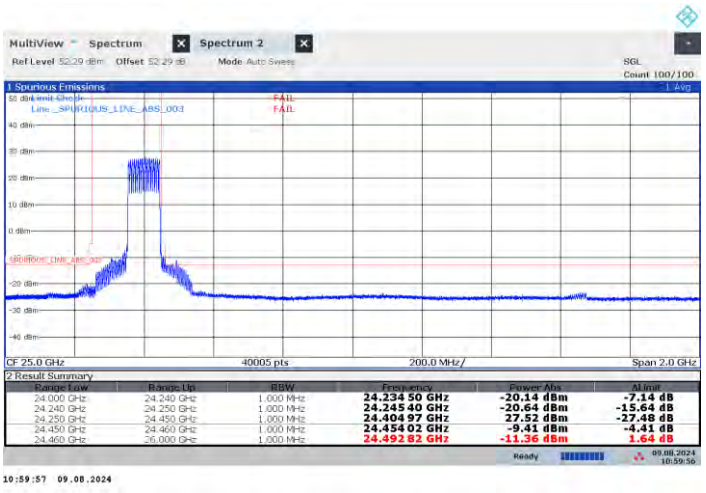
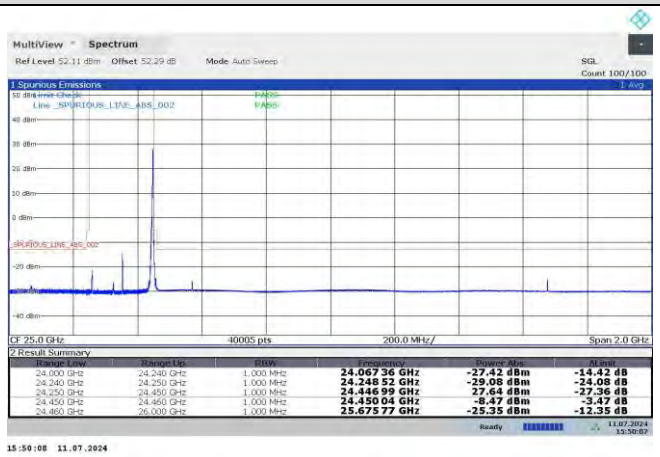
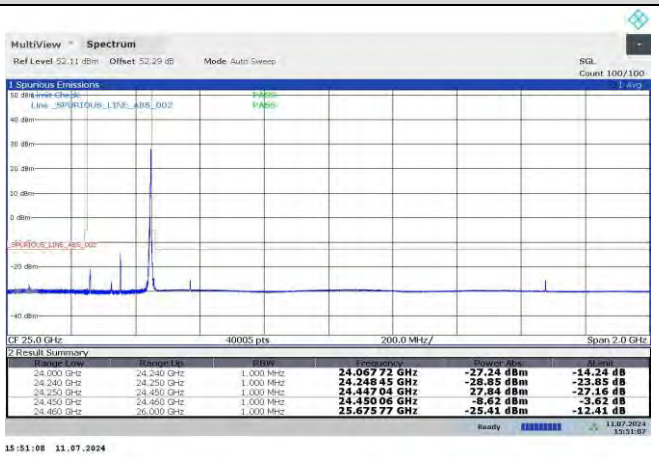
n258-a 50MHz-BPSK- High -H-32RB0	n258-a 50MHz-BPSK- High -V-32RB0
	
n258-a 50MHz-QPSK- High -H-1RB31	n258-a 50MHz-QPSK- High -V-1RB31
	
n258-a 50MHz-QPSK- High -H-32RB0	n258-a 50MHz-QPSK- High -V-32RB0
	

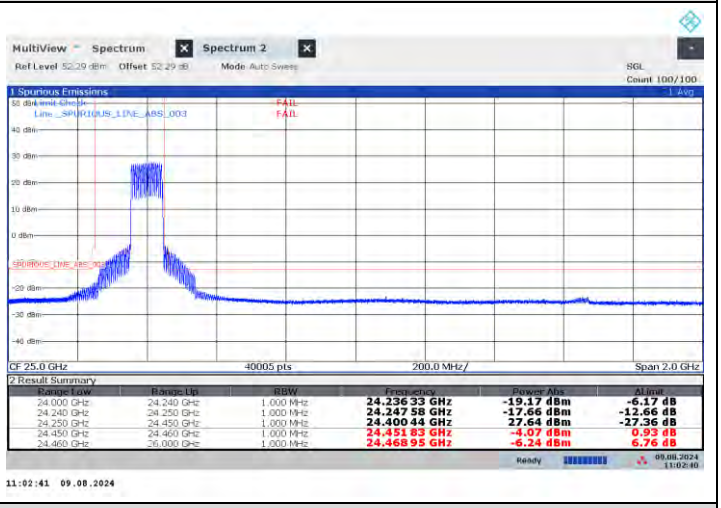
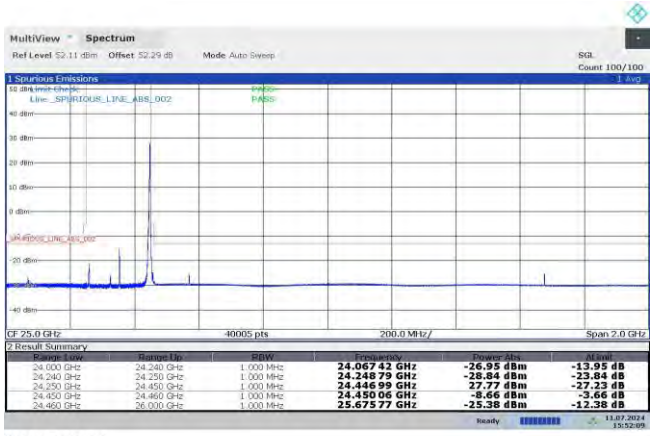
n258-a 50MHz-16QAM- High -H-1RB31	n258-a 50MHz-16QAM - High -V-1RB31
	
n258-a 50MHz-16QAM - High -H-32RB0	n258-a 50MHz-16QAM - High -V-32RB0
	
n258-a 50MHz-64QAM- High -H-1RB31	n258-a 50MHz-64QAM - High -V-1RB31
	

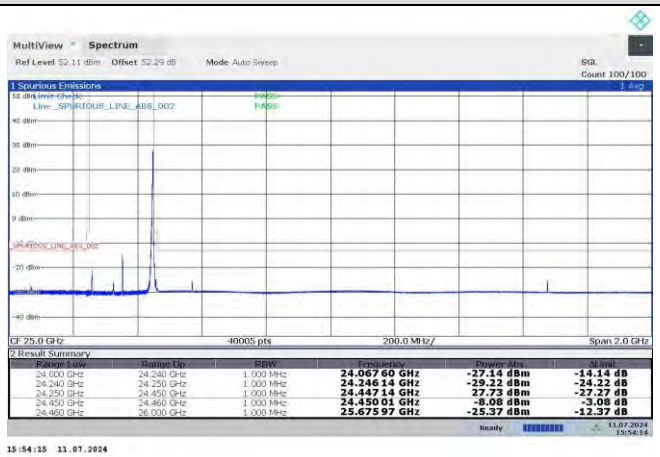
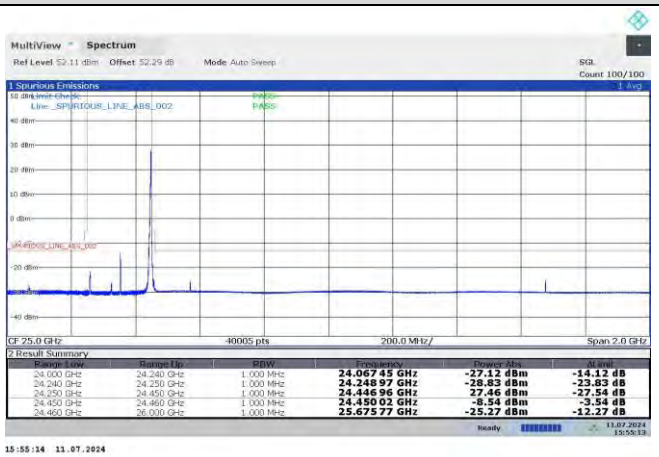
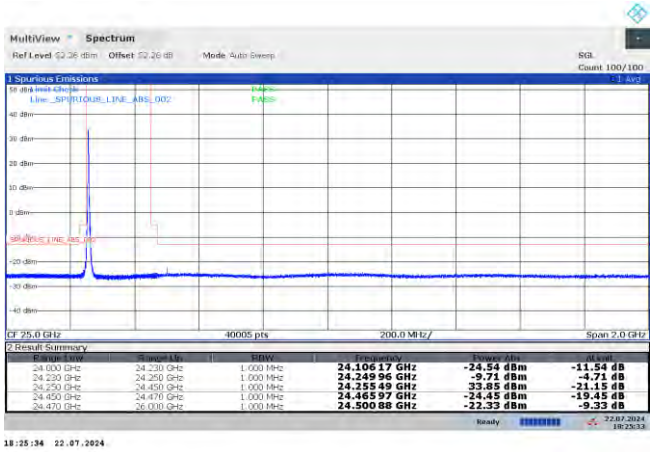
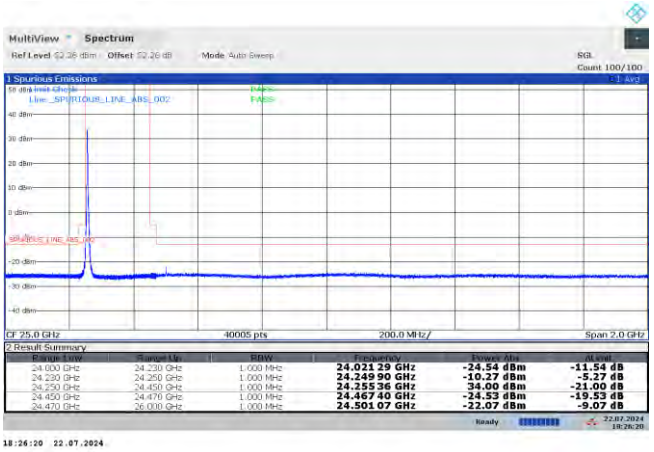
n258-a 50MHz-64QAM - High -H-32RB0	n258-a 50MHz-64QAM - High -V-32RB0
	
n258-a 100MHz-BPSK-Low -H-1RB0	n258-a 100MHz-BPSK-Low -V-1RB0
	
n258-a 100MHz-BPSK-Low -H-64RB0	n258-a 100MHz-BPSK-Low -V-64RB0
	

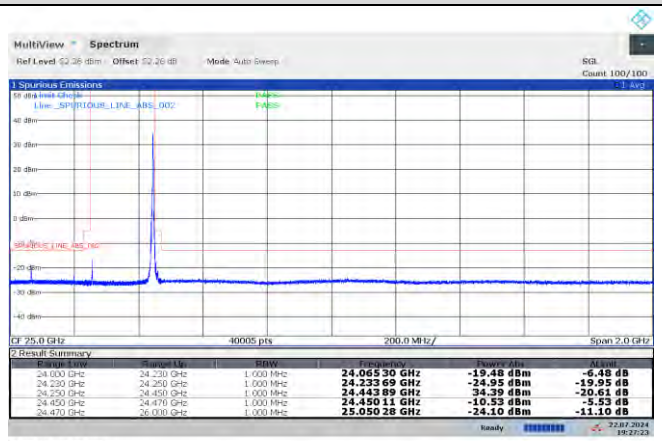
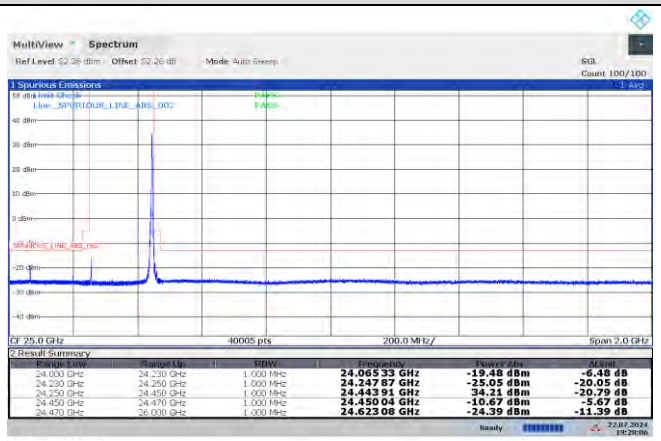
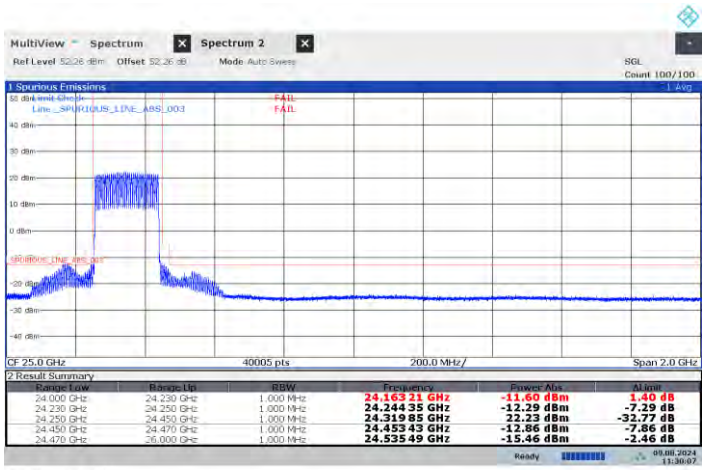
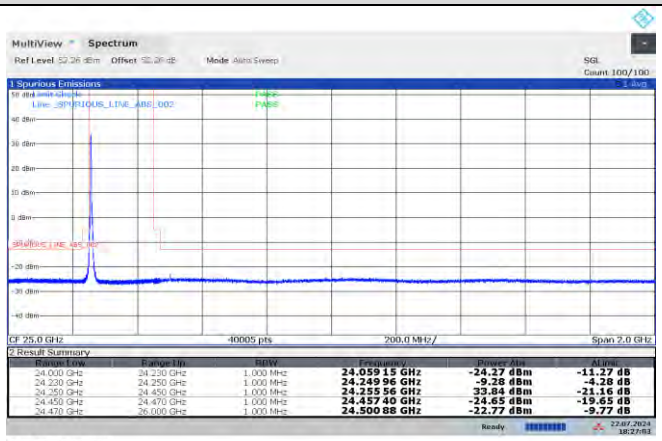
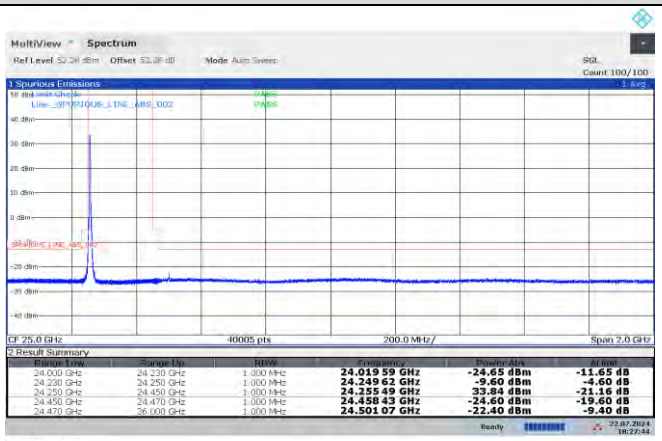
n258-a 100MHz-QPSK-Low -H-1RB0	n258-a 100MHz-QPSK-Low -V-1RB0
	
n258-a 100MHz-QPSK-Low -H-64RB0	n258-a 100MHz-QPSK-Low -V-64RB0
	
n258-a 100MHz-16QAM-Low -H-1RB0	n258-a 100MHz-16QAM -Low -V-1RB0
	

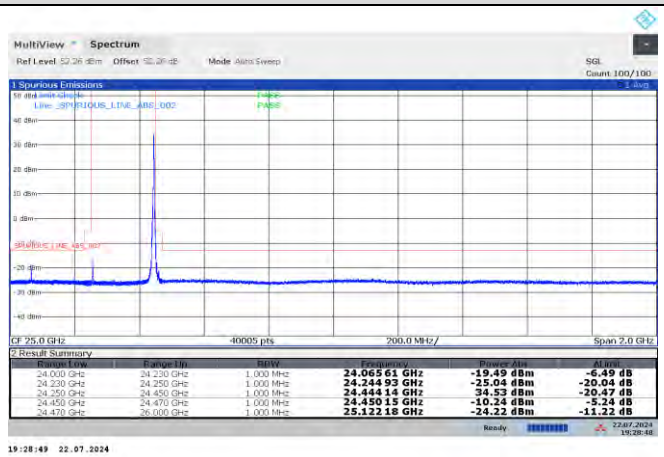
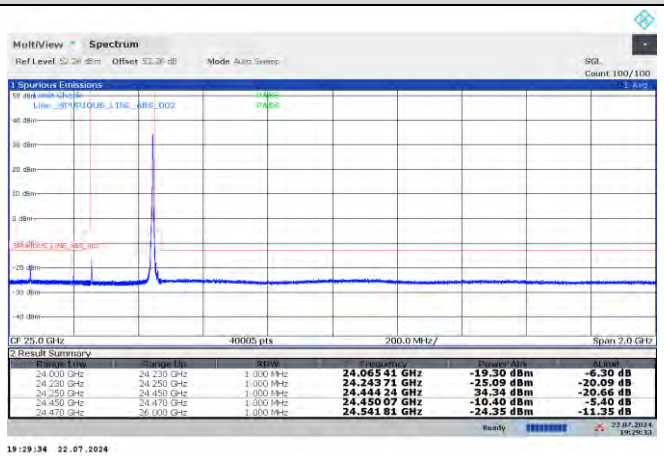
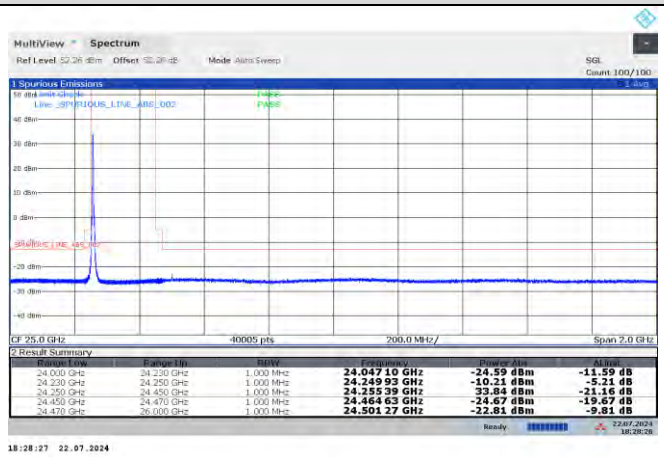
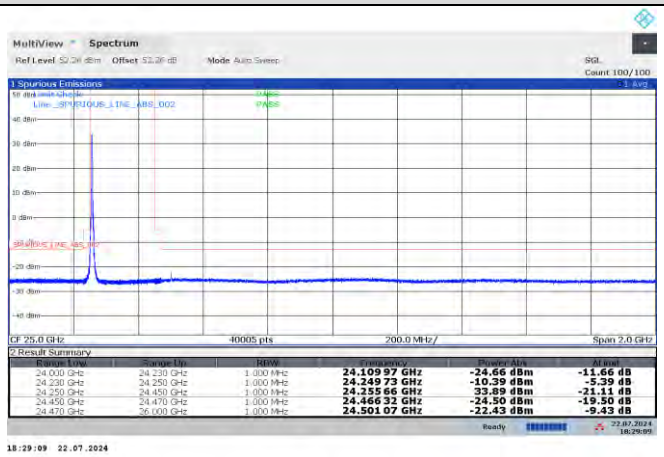
n258-a 100MHz-16QAM -Low -H-64RB0	n258-a 100MHz-16QAM -Low -V-64RB0
	
n258-a 100MHz-64QAM-Low -H-1RB0	n258-a 100MHz-64QAM -Low -V-1RB0
	
n258-a 100MHz-64QAM -Low -H-64RB0	n258-a 100MHz-64QAM -Low -V-64RB0
	

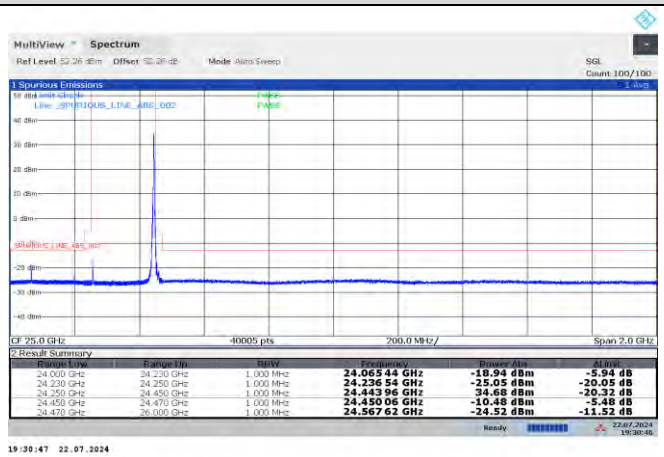
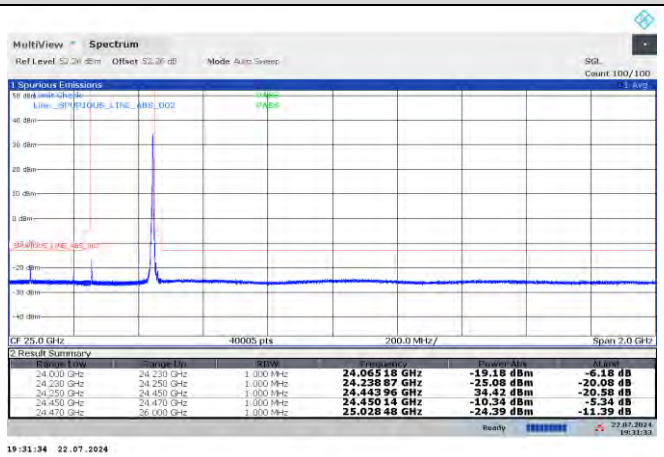
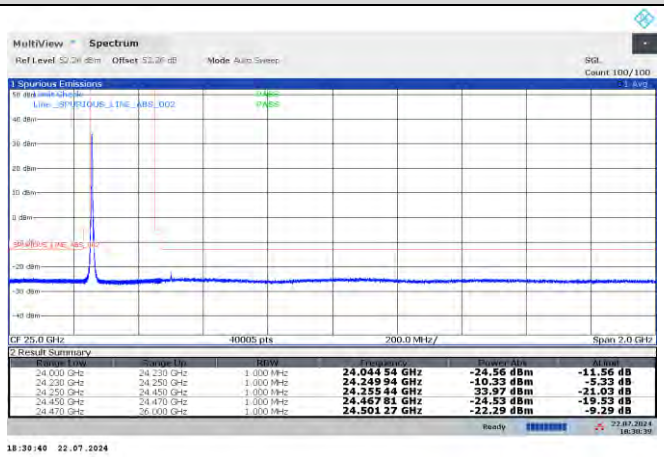
n258-a 100MHz-BPSK-High -H-1RB65	n258-a 100MHz-BPSK- High -V-1RB65
	
n258-a 100MHz-BPSK- High -H-64RB0	n258-a 100MHz-BPSK- High -V-64RB0
	
n258-a 100MHz-QPSK- High -H-1RB65	n258-a 100MHz-QPSK- High -V-1RB65
	

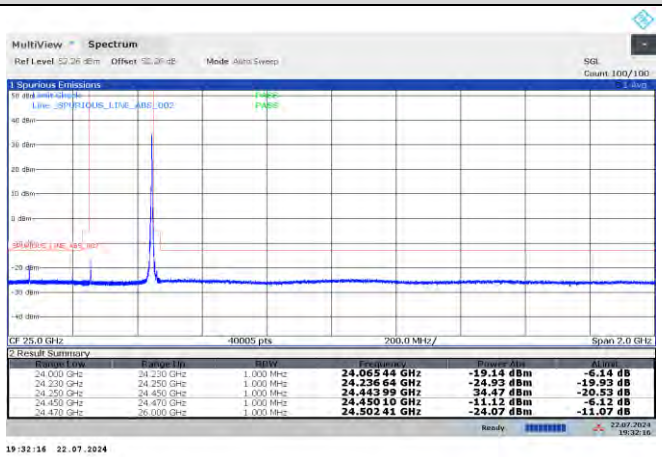
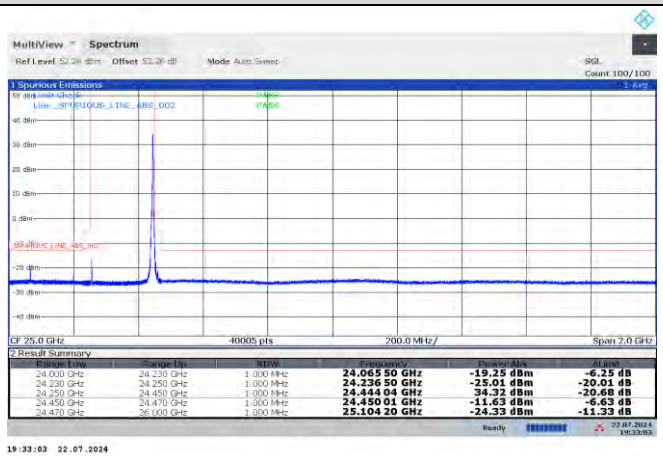
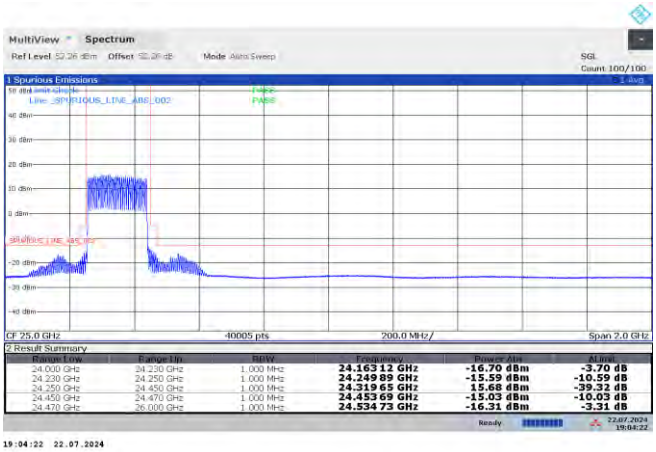
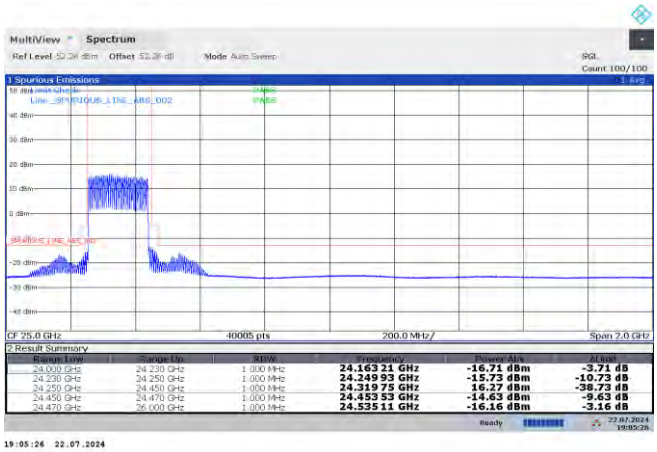
n258-a 100MHz-QPSK- High -H-64RB0	n258-a 100MHz-QPSK- High -V-64RB0
	
n258-a 100MHz-16QAM- High -H-1RB65	n258-a 100MHz-16QAM - High -V-1RB65
	
n258-a 100MHz-16QAM - High -H-64RB0	n258-a 100MHz-16QAM - High -V-64RB0
	

n258-a 100MHz-64QAM- High -H-1RB65	n258-a 100MHz-64QAM - High -V-1RB65
	
n258-a 100MHz-64QAM - High -H-64RB0	n258-a 100MHz-64QAM - High -V-64RB0
	
n258-a 200MHz-BPSK - Mid -H-1RB0	n258-a 200MHz-BPSK - Mid -V 1RB0
	

n258-a 200MHz- BPSK - Mid -H-1RB131	n258-a 200MHz- BPSK - Mid -V 1RB131
	
n258-a 200MHz- BPSK - Mid -H-128RB0	n258-a 200MHz- BPSK - Mid -V 128RB0
	
n258-a 200MHz-QPSK - Mid -H-1RB0	n258-a 200MHz-QPSK - Mid -V 1RB0
	

n258-a 200MHz- QPSK - Mid -H-1RB131	n258-a 200MHz- QPSK - Mid -V 1RB131
	
n258-a 200MHz- QPSK - Mid -H-128RB0	n258-a 200MHz- QPSK - Mid -V 128RB0
	
n258-a 200MHz-16QAM - Mid -H-1RB0	n258-a 200MHz-16QAM - Mid -V 1RB0
	

n258-a 200MHz- 16QAM - Mid -H-1RB131	n258-a 200MHz-16QAM - Mid -V 1RB131
	
n258-a 200MHz- 16QAM - Mid -H-128RB0	n258-a 200MHz- 16QAM - Mid -V 128RB0
	
n258-a 200MHz-64QAM - Mid -H-1RB0	n258-a 200MHz-64QAM - Mid -V 1RB0
	

n258-a 200MHz- 64QAM - Mid -H-1RB131	n258-a 200MHz-64QAM - Mid -V 1RB131
	
n258-a 200MHz- 64QAM - Mid -H-128RB0	n258-a 200MHz- 64QAM - Mid -V 128RB0
	

TRP Measurement

50MHz-BPSK-Low -32RB0											
	EIRP										TRP
	Y-Axis (EUT)				Z-Axis (EUT)				Y-Axis (EUT)	Z-Axis (EUT)	
	V-Pol.		H-Pol.		V-Pol.		H-Pol.				dBm
angle(°)	dBm	antenna Gain (dBi)	dBm	antenna Gain (dBi)	dBm	antenna Gain (dBi)	dBm	antenna Gain (dBi)	mw	mw	**-19.445**
-180	-30.000	-21.902	-30.000	-20.013	-30.000	-20.013	-30.000	-21.902	0.002	0.002	
-175	-30.000	-21.140	-30.000	-21.754	-30.000	-21.754	-30.000	-21.140	0.002	0.002	
-170	-30.000	-24.638	-30.000	-22.157	-30.000	-22.157	-30.000	-24.638	0.002	0.002	
-165	-30.000	-23.089	-30.000	-22.463	-30.000	-22.463	-30.000	-23.089	0.002	0.002	
-160	-30.000	-24.855	-30.000	-22.421	-30.000	-22.421	-30.000	-24.855	0.002	0.002	
-155	-30.000	-27.689	-30.000	-21.232	-30.000	-21.232	-30.000	-27.689	0.002	0.002	
-150	-30.000	-41.898	-30.000	-21.690	-30.000	-21.690	-30.000	-41.898	0.002	0.002	
-145	-30.000	-32.101	-30.000	-18.910	-30.000	-18.910	-30.000	-32.101	0.002	0.002	
-140	-30.000	-32.776	-30.000	-18.307	-30.000	-18.307	-30.000	-32.776	0.002	0.002	
-135	-30.000	-24.242	-30.000	-23.701	-30.000	-23.701	-30.000	-24.242	0.002	0.002	
-130	-30.000	-27.195	-30.000	-19.394	-30.000	-19.394	-30.000	-27.195	0.002	0.002	
-125	-30.000	-20.246	-30.000	-19.215	-30.000	-19.215	-30.000	-20.246	0.002	0.002	
-120	-30.000	-35.726	-30.000	-17.521	-30.000	-17.521	-30.000	-35.726	0.002	0.002	
-115	-30.000	-20.574	-30.000	-24.992	-30.000	-24.992	-30.000	-20.574	0.002	0.002	
-110	-30.000	-18.043	-30.000	-26.089	-30.000	-26.089	-30.000	-18.043	0.002	0.002	
-105	-30.000	-14.854	-30.000	-22.068	-30.000	-22.068	-30.000	-14.854	0.002	0.002	
-100	-30.000	-13.146	-30.000	-18.181	-30.000	-18.181	-30.000	-13.146	0.002	0.002	
-95	-30.000	-8.645	-30.000	-16.362	-30.000	-16.362	-30.000	-8.645	0.002	0.002	
-90	-30.000	-6.574	-30.000	-14.499	-30.000	-14.499	-30.000	-6.574	0.002	0.002	
-85	-30.000	-5.374	-30.000	-11.867	-30.000	-11.867	-30.000	-5.374	0.002	0.002	
-80	-30.000	-5.018	-30.000	-10.192	-30.000	-10.192	-30.000	-5.018	0.002	0.002	
-75	-30.000	-4.724	-30.000	-8.071	-30.000	-8.071	-30.000	-4.724	0.002	0.002	
-70	-30.000	-6.827	-30.000	-8.783	-30.000	-8.783	-30.000	-6.827	0.002	0.002	
-65	-30.000	-5.432	-30.000	-8.996	-30.000	-8.996	-30.000	-5.432	0.002	0.002	
-60	-30.000	-10.484	-30.000	-9.791	-30.000	-9.791	-30.000	-10.484	0.002	0.002	
-55	-30.000	-5.174	-30.000	-10.874	-30.000	-10.874	-30.000	-5.174	0.002	0.002	
-50	-30.000	-11.299	-30.000	-8.372	-30.000	-8.372	-30.000	-11.299	0.002	0.002	
-45	-30.000	-7.488	-30.000	-19.596	-30.000	-19.596	-30.000	-7.488	0.002	0.002	
-40	-30.000	-8.999	-30.000	-6.994	-30.000	-6.994	-30.000	-8.999	0.002	0.002	
-35	-30.000	-13.994	-30.000	-13.062	-30.000	-13.062	-30.000	-13.994	0.002	0.002	
-30	-30.000	-8.364	-30.000	-5.469	-30.000	-5.469	-30.000	-8.364	0.002	0.002	
-25	-30.000	-5.828	-30.000	-9.683	-30.000	-9.683	-30.000	-5.828	0.002	0.002	
-20	-28.425	-1.714	-30.000	-1.148	-30.000	-1.148	-30.000	-1.714	0.002	0.002	
-15	-30.000	-4.399	-30.000	-10.770	-30.000	-10.770	-30.000	-4.399	0.002	0.002	
-10	-27.736	-1.025	-30.000	-1.004	-30.000	-1.004	-30.000	-1.025	0.003	0.002	
-5	-11.699	15.011	-14.843	14.385	-15.643	14.385	-16.019	15.011	0.100	0.052	

0	-4.700	22.010	-7.410	21.818	-8.210	21.818	-9.020	22.010	0.520	0.276	
5	-13.918	12.792	-18.180	11.048	-18.980	11.048	-18.238	12.792	0.056	0.028	
10	-23.992	2.718	-28.667	0.561	-29.467	0.561	-28.312	2.718	0.005	0.003	
15	-30.000	-9.029	-30.000	-20.555	-30.000	-20.555	-30.000	-9.029	0.002	0.002	
20	-30.000	-9.918	-30.000	-11.649	-30.000	-11.649	-30.000	-9.918	0.002	0.002	
25	-30.000	-14.738	-30.000	-17.560	-30.000	-17.560	-30.000	-14.738	0.002	0.002	
30	-30.000	-15.285	-30.000	-21.795	-30.000	-21.795	-30.000	-15.285	0.002	0.002	
35	-30.000	-5.928	-30.000	-10.756	-30.000	-10.756	-30.000	-5.928	0.002	0.002	
40	-30.000	-9.304	-30.000	-12.823	-30.000	-12.823	-30.000	-9.304	0.002	0.002	
45	-30.000	-11.368	-30.000	-15.194	-30.000	-15.194	-30.000	-11.368	0.002	0.002	
50	-30.000	-18.720	-30.000	-21.990	-30.000	-21.990	-30.000	-18.720	0.002	0.002	
55	-30.000	-14.175	-30.000	-18.829	-30.000	-18.829	-30.000	-14.175	0.002	0.002	
60	-30.000	-14.621	-30.000	-28.614	-30.000	-28.614	-30.000	-14.621	0.002	0.002	
65	-30.000	-21.346	-30.000	-23.675	-30.000	-23.675	-30.000	-21.346	0.002	0.002	
70	-30.000	-24.294	-30.000	-26.572	-30.000	-26.572	-30.000	-24.294	0.002	0.002	
75	-30.000	-24.683	-30.000	-27.311	-30.000	-27.311	-30.000	-24.683	0.002	0.002	
80	-30.000	-17.657	-30.000	-25.340	-30.000	-25.340	-30.000	-17.657	0.002	0.002	
85	-30.000	-21.472	-30.000	-26.661	-30.000	-26.661	-30.000	-21.472	0.002	0.002	
90	-30.000	-16.769	-30.000	-19.167	-30.000	-19.167	-30.000	-16.769	0.002	0.002	
95	-30.000	-32.870	-30.000	-19.728	-30.000	-19.728	-30.000	-32.870	0.002	0.002	
100	-30.000	-33.877	-30.000	-20.422	-30.000	-20.422	-30.000	-33.877	0.002	0.002	
105	-30.000	-18.806	-30.000	-16.483	-30.000	-16.483	-30.000	-18.806	0.002	0.002	
110	-30.000	-21.767	-30.000	-29.486	-30.000	-29.486	-30.000	-21.767	0.002	0.002	
115	-30.000	-21.689	-30.000	-16.147	-30.000	-16.147	-30.000	-21.689	0.002	0.002	
120	-30.000	-23.496	-30.000	-31.260	-30.000	-31.260	-30.000	-23.496	0.002	0.002	
125	-30.000	-25.562	-30.000	-18.019	-30.000	-18.019	-30.000	-25.562	0.002	0.002	
130	-30.000	-20.891	-30.000	-19.266	-30.000	-19.266	-30.000	-20.891	0.002	0.002	
135	-30.000	-22.959	-30.000	-18.761	-30.000	-18.761	-30.000	-22.959	0.002	0.002	
140	-30.000	-16.425	-30.000	-17.279	-30.000	-17.279	-30.000	-16.425	0.002	0.002	
145	-30.000	-21.662	-30.000	-15.832	-30.000	-15.832	-30.000	-21.662	0.002	0.002	
150	-30.000	-16.652	-30.000	-15.945	-30.000	-15.945	-30.000	-16.652	0.002	0.002	
155	-30.000	-20.276	-30.000	-19.497	-30.000	-19.497	-30.000	-20.276	0.002	0.002	
160	-30.000	-19.007	-30.000	-21.101	-30.000	-21.101	-30.000	-19.007	0.002	0.002	
165	-30.000	-19.710	-30.000	-16.027	-30.000	-16.027	-30.000	-19.710	0.002	0.002	
170	-30.000	-23.063	-30.000	-15.006	-30.000	-15.006	-30.000	-23.063	0.002	0.002	
175	-30.000	-22.394	-30.000	-16.459	-30.000	-16.459	-30.000	-22.394	0.002	0.002	
180	-30.000	-21.902	-30.000	-20.013	-30.000	-20.013	-30.000	-21.902	0.002	0.002	
TRP Factor=1dB											

	50MHz-QPSK-Low -32RB0										
	EIRP										TRP
	Y-Axis (EUT)				Z-Axis (EUT)				Y-Axis (EUT)	Z-Axis (EUT)	
	V-Pol.		H-Pol.		V-Pol.		H-Pol.				dBm
angle(°)	dBm	antenna Gain (dBi)	dBm	antenna Gain (dBi)	dBm	antenna Gain (dBi)	dBm	antenna Gain (dBi)	mw	mw	**-18.417**
-180	-30.000	-21.902	-30.000	-20.013	-30.000	-20.013	-30.000	-21.902	0.002	0.002	
-175	-30.000	-21.140	-30.000	-21.754	-30.000	-21.754	-30.000	-21.140	0.002	0.002	
-170	-30.000	-24.638	-30.000	-22.157	-30.000	-22.157	-30.000	-24.638	0.002	0.002	
-165	-30.000	-23.089	-30.000	-22.463	-30.000	-22.463	-30.000	-23.089	0.002	0.002	
-160	-30.000	-24.855	-30.000	-22.421	-30.000	-22.421	-30.000	-24.855	0.002	0.002	
-155	-30.000	-27.689	-30.000	-21.232	-30.000	-21.232	-30.000	-27.689	0.002	0.002	
-150	-30.000	-41.898	-30.000	-21.690	-30.000	-21.690	-30.000	-41.898	0.002	0.002	
-145	-30.000	-32.101	-30.000	-18.910	-30.000	-18.910	-30.000	-32.101	0.002	0.002	
-140	-30.000	-32.776	-30.000	-18.307	-30.000	-18.307	-30.000	-32.776	0.002	0.002	
-135	-30.000	-24.242	-30.000	-23.701	-30.000	-23.701	-30.000	-24.242	0.002	0.002	
-130	-30.000	-27.195	-30.000	-19.394	-30.000	-19.394	-30.000	-27.195	0.002	0.002	
-125	-30.000	-20.246	-30.000	-19.215	-30.000	-19.215	-30.000	-20.246	0.002	0.002	
-120	-30.000	-35.726	-30.000	-17.521	-30.000	-17.521	-30.000	-35.726	0.002	0.002	
-115	-30.000	-20.574	-30.000	-24.992	-30.000	-24.992	-30.000	-20.574	0.002	0.002	
-110	-30.000	-18.043	-30.000	-26.089	-30.000	-26.089	-30.000	-18.043	0.002	0.002	
-105	-30.000	-14.854	-30.000	-22.068	-30.000	-22.068	-30.000	-14.854	0.002	0.002	
-100	-30.000	-13.146	-30.000	-18.181	-30.000	-18.181	-30.000	-13.146	0.002	0.002	
-95	-30.000	-8.645	-30.000	-16.362	-30.000	-16.362	-30.000	-8.645	0.002	0.002	
-90	-30.000	-6.574	-30.000	-14.499	-30.000	-14.499	-30.000	-6.574	0.002	0.002	
-85	-29.884	-5.374	-30.000	-11.867	-30.000	-11.867	-30.000	-5.374	0.002	0.002	
-80	-29.528	-5.018	-30.000	-10.192	-30.000	-10.192	-30.000	-5.018	0.002	0.002	
-75	-29.235	-4.724	-30.000	-8.071	-30.000	-8.071	-30.000	-4.724	0.002	0.002	
-70	-30.000	-6.827	-30.000	-8.783	-30.000	-8.783	-30.000	-6.827	0.002	0.002	
-65	-29.942	-5.432	-30.000	-8.996	-30.000	-8.996	-30.000	-5.432	0.002	0.002	
-60	-30.000	-10.484	-30.000	-9.791	-30.000	-9.791	-30.000	-10.484	0.002	0.002	
-55	-29.685	-5.174	-30.000	-10.874	-30.000	-10.874	-30.000	-5.174	0.002	0.002	
-50	-30.000	-11.299	-30.000	-8.372	-30.000	-8.372	-30.000	-11.299	0.002	0.002	
-45	-30.000	-7.488	-30.000	-19.596	-30.000	-19.596	-30.000	-7.488	0.002	0.002	
-40	-30.000	-8.999	-30.000	-6.994	-30.000	-6.994	-30.000	-8.999	0.002	0.002	
-35	-30.000	-13.994	-30.000	-13.062	-30.000	-13.062	-30.000	-13.994	0.002	0.002	
-30	-30.000	-8.364	-30.000	-5.469	-30.000	-5.469	-30.000	-8.364	0.002	0.002	
-25	-30.000	-5.828	-30.000	-9.683	-30.000	-9.683	-30.000	-5.828	0.002	0.002	
-20	-26.225	-1.714	-27.596	-1.148	-30.000	-1.148	-30.000	-1.714	0.004	0.002	
-15	-28.909	-4.399	-30.000	-10.770	-30.000	-10.770	-30.000	-4.399	0.002	0.002	
-10	-25.536	-1.025	-27.452	-1.004	-30.000	-1.004	-30.000	-1.025	0.005	0.002	
-5	-9.499	15.011	-12.063	14.385	-18.723	14.385	-17.949	15.011	0.174	0.029	
0	-2.500	22.010	-4.630	21.818	-11.290	21.818	-10.950	22.010	0.907	0.155	

5	-11.718	12.792	-15.400	11.048	-22.060	11.048	-20.168	12.792	0.096	0.016	
10	-21.792	2.718	-25.887	0.561	-30.000	0.561	-30.000	2.718	0.009	0.002	
15	-30.000	-9.029	-30.000	-20.555	-30.000	-20.555	-30.000	-9.029	0.002	0.002	
20	-30.000	-9.918	-30.000	-11.649	-30.000	-11.649	-30.000	-9.918	0.002	0.002	
25	-30.000	-14.738	-30.000	-17.560	-30.000	-17.560	-30.000	-14.738	0.002	0.002	
30	-30.000	-15.285	-30.000	-21.795	-30.000	-21.795	-30.000	-15.285	0.002	0.002	
35	-30.000	-5.928	-30.000	-10.756	-30.000	-10.756	-30.000	-5.928	0.002	0.002	
40	-30.000	-9.304	-30.000	-12.823	-30.000	-12.823	-30.000	-9.304	0.002	0.002	
45	-30.000	-11.368	-30.000	-15.194	-30.000	-15.194	-30.000	-11.368	0.002	0.002	
50	-30.000	-18.720	-30.000	-21.990	-30.000	-21.990	-30.000	-18.720	0.002	0.002	
55	-30.000	-14.175	-30.000	-18.829	-30.000	-18.829	-30.000	-14.175	0.002	0.002	
60	-30.000	-14.621	-30.000	-28.614	-30.000	-28.614	-30.000	-14.621	0.002	0.002	
65	-30.000	-21.346	-30.000	-23.675	-30.000	-23.675	-30.000	-21.346	0.002	0.002	
70	-30.000	-24.294	-30.000	-26.572	-30.000	-26.572	-30.000	-24.294	0.002	0.002	
75	-30.000	-24.683	-30.000	-27.311	-30.000	-27.311	-30.000	-24.683	0.002	0.002	
80	-30.000	-17.657	-30.000	-25.340	-30.000	-25.340	-30.000	-17.657	0.002	0.002	
85	-30.000	-21.472	-30.000	-26.661	-30.000	-26.661	-30.000	-21.472	0.002	0.002	
90	-30.000	-16.769	-30.000	-19.167	-30.000	-19.167	-30.000	-16.769	0.002	0.002	
95	-30.000	-32.870	-30.000	-19.728	-30.000	-19.728	-30.000	-32.870	0.002	0.002	
100	-30.000	-33.877	-30.000	-20.422	-30.000	-20.422	-30.000	-33.877	0.002	0.002	
105	-30.000	-18.806	-30.000	-16.483	-30.000	-16.483	-30.000	-18.806	0.002	0.002	
110	-30.000	-21.767	-30.000	-29.486	-30.000	-29.486	-30.000	-21.767	0.002	0.002	
115	-30.000	-21.689	-30.000	-16.147	-30.000	-16.147	-30.000	-21.689	0.002	0.002	
120	-30.000	-23.496	-30.000	-31.260	-30.000	-31.260	-30.000	-23.496	0.002	0.002	
125	-30.000	-25.562	-30.000	-18.019	-30.000	-18.019	-30.000	-25.562	0.002	0.002	
130	-30.000	-20.891	-30.000	-19.266	-30.000	-19.266	-30.000	-20.891	0.002	0.002	
135	-30.000	-22.959	-30.000	-18.761	-30.000	-18.761	-30.000	-22.959	0.002	0.002	
140	-30.000	-16.425	-30.000	-17.279	-30.000	-17.279	-30.000	-16.425	0.002	0.002	
145	-30.000	-21.662	-30.000	-15.832	-30.000	-15.832	-30.000	-21.662	0.002	0.002	
150	-30.000	-16.652	-30.000	-15.945	-30.000	-15.945	-30.000	-16.652	0.002	0.002	
155	-30.000	-20.276	-30.000	-19.497	-30.000	-19.497	-30.000	-20.276	0.002	0.002	
160	-30.000	-19.007	-30.000	-21.101	-30.000	-21.101	-30.000	-19.007	0.002	0.002	
165	-30.000	-19.710	-30.000	-16.027	-30.000	-16.027	-30.000	-19.710	0.002	0.002	
170	-30.000	-23.063	-30.000	-15.006	-30.000	-15.006	-30.000	-23.063	0.002	0.002	
175	-30.000	-22.394	-30.000	-16.459	-30.000	-16.459	-30.000	-22.394	0.002	0.002	
180	-30.000	-21.902	-30.000	-20.013	-30.000	-20.013	-30.000	-21.902	0.002	0.002	
TRP Factor=1dB											

	50MHz-16QAM-Low -32RB0										
	EIRP										TRP
	Y-Axis (EUT)				Z				Y-Axis (EUT)	Z	
	V		H		V		H				dBm
angle(°)	dBm	antenna Gain (dBi)	dBm	antenna Gain (dBi)	dBm	antenna Gain (dBi)	dBm	antenna Gain (dBi)	mw	mw	**-16.038**
-180	-30.000	-21.902	-30.000	-20.013	-30.000	-20.013	-30.000	-21.902	0.002	0.002	
-175	-30.000	-21.140	-30.000	-21.754	-30.000	-21.754	-30.000	-21.140	0.002	0.002	
-170	-30.000	-24.638	-30.000	-22.157	-30.000	-22.157	-30.000	-24.638	0.002	0.002	
-165	-30.000	-23.089	-30.000	-22.463	-30.000	-22.463	-30.000	-23.089	0.002	0.002	
-160	-30.000	-24.855	-30.000	-22.421	-30.000	-22.421	-30.000	-24.855	0.002	0.002	
-155	-30.000	-27.689	-30.000	-21.232	-30.000	-21.232	-30.000	-27.689	0.002	0.002	
-150	-30.000	-41.898	-30.000	-21.690	-30.000	-21.690	-30.000	-41.898	0.002	0.002	
-145	-30.000	-32.101	-30.000	-18.910	-30.000	-18.910	-30.000	-32.101	0.002	0.002	
-140	-30.000	-32.776	-30.000	-18.307	-30.000	-18.307	-30.000	-32.776	0.002	0.002	
-135	-30.000	-24.242	-30.000	-23.701	-30.000	-23.701	-30.000	-24.242	0.002	0.002	
-130	-30.000	-27.195	-30.000	-19.394	-30.000	-19.394	-30.000	-27.195	0.002	0.002	
-125	-30.000	-20.246	-30.000	-19.215	-30.000	-19.215	-30.000	-20.246	0.002	0.002	
-120	-30.000	-35.726	-30.000	-17.521	-30.000	-17.521	-30.000	-35.726	0.002	0.002	
-115	-30.000	-20.574	-30.000	-24.992	-30.000	-24.992	-30.000	-20.574	0.002	0.002	
-110	-30.000	-18.043	-30.000	-26.089	-30.000	-26.089	-30.000	-18.043	0.002	0.002	
-105	-30.000	-14.854	-30.000	-22.068	-30.000	-22.068	-30.000	-14.854	0.002	0.002	
-100	-30.000	-13.146	-30.000	-18.181	-30.000	-18.181	-30.000	-13.146	0.002	0.002	
-95	-30.000	-8.645	-30.000	-16.362	-30.000	-16.362	-30.000	-8.645	0.002	0.002	
-90	-28.214	-6.574	-30.000	-14.499	-30.000	-14.499	-30.000	-6.574	0.003	0.002	
-85	-27.014	-5.374	-30.000	-11.867	-30.000	-11.867	-30.000	-5.374	0.003	0.002	
-80	-26.658	-5.018	-30.000	-10.192	-30.000	-10.192	-30.000	-5.018	0.003	0.002	
-75	-26.365	-4.724	-30.000	-8.071	-30.000	-8.071	-30.000	-4.724	0.003	0.002	
-70	-28.467	-6.827	-30.000	-8.783	-30.000	-8.783	-30.000	-6.827	0.002	0.002	
-65	-27.072	-5.432	-30.000	-8.996	-30.000	-8.996	-30.000	-5.432	0.003	0.002	
-60	-30.000	-10.484	-30.000	-9.791	-30.000	-9.791	-30.000	-10.484	0.002	0.002	
-55	-26.815	-5.174	-30.000	-10.874	-30.000	-10.874	-30.000	-5.174	0.003	0.002	
-50	-30.000	-11.299	-30.000	-8.372	-30.000	-8.372	-30.000	-11.299	0.002	0.002	
-45	-29.128	-7.488	-30.000	-19.596	-30.000	-19.596	-30.000	-7.488	0.002	0.002	
-40	-30.000	-8.999	-30.000	-6.994	-30.000	-6.994	-30.000	-8.999	0.002	0.002	
-35	-30.000	-13.994	-30.000	-13.062	-30.000	-13.062	-30.000	-13.994	0.002	0.002	
-30	-30.000	-8.364	-29.737	-5.469	-30.000	-5.469	-30.000	-8.364	0.002	0.002	
-25	-27.468	-5.828	-30.000	-9.683	-30.000	-9.683	-30.000	-5.828	0.003	0.002	
-20	-23.355	-1.714	-25.416	-1.148	-30.000	-1.148	-30.000	-1.714	0.007	0.002	
-15	-26.039	-4.399	-30.000	-10.770	-30.000	-10.770	-30.000	-4.399	0.003	0.002	
-10	-22.666	-1.025	-25.272	-1.004	-30.000	-1.004	-30.000	-1.025	0.008	0.002	
-5	-6.629	15.011	-9.883	14.385	-14.843	14.385	-15.539	15.011	0.320	0.061	
0	0.370	22.010	-2.450	21.818	-7.410	21.818	-8.540	22.010	1.658	0.322	

5	-8.848	12.792	-13.220	11.048	-18.180	11.048	-17.758	12.792	0.178	0.032	
10	-18.922	2.718	-23.707	0.561	-28.667	0.561	-27.832	2.718	0.017	0.003	
15	-30.000	-9.029	-30.000	-20.555	-30.000	-20.555	-30.000	-9.029	0.002	0.002	
20	-30.000	-9.918	-30.000	-11.649	-30.000	-11.649	-30.000	-9.918	0.002	0.002	
25	-30.000	-14.738	-30.000	-17.560	-30.000	-17.560	-30.000	-14.738	0.002	0.002	
30	-30.000	-15.285	-30.000	-21.795	-30.000	-21.795	-30.000	-15.285	0.002	0.002	
35	-27.568	-5.928	-30.000	-10.756	-30.000	-10.756	-30.000	-5.928	0.003	0.002	
40	-30.000	-9.304	-30.000	-12.823	-30.000	-12.823	-30.000	-9.304	0.002	0.002	
45	-30.000	-11.368	-30.000	-15.194	-30.000	-15.194	-30.000	-11.368	0.002	0.002	
50	-30.000	-18.720	-30.000	-21.990	-30.000	-21.990	-30.000	-18.720	0.002	0.002	
55	-30.000	-14.175	-30.000	-18.829	-30.000	-18.829	-30.000	-14.175	0.002	0.002	
60	-30.000	-14.621	-30.000	-28.614	-30.000	-28.614	-30.000	-14.621	0.002	0.002	
65	-30.000	-21.346	-30.000	-23.675	-30.000	-23.675	-30.000	-21.346	0.002	0.002	
70	-30.000	-24.294	-30.000	-26.572	-30.000	-26.572	-30.000	-24.294	0.002	0.002	
75	-30.000	-24.683	-30.000	-27.311	-30.000	-27.311	-30.000	-24.683	0.002	0.002	
80	-30.000	-17.657	-30.000	-25.340	-30.000	-25.340	-30.000	-17.657	0.002	0.002	
85	-30.000	-21.472	-30.000	-26.661	-30.000	-26.661	-30.000	-21.472	0.002	0.002	
90	-30.000	-16.769	-30.000	-19.167	-30.000	-19.167	-30.000	-16.769	0.002	0.002	
95	-30.000	-32.870	-30.000	-19.728	-30.000	-19.728	-30.000	-32.870	0.002	0.002	
100	-30.000	-33.877	-30.000	-20.422	-30.000	-20.422	-30.000	-33.877	0.002	0.002	
105	-30.000	-18.806	-30.000	-16.483	-30.000	-16.483	-30.000	-18.806	0.002	0.002	
110	-30.000	-21.767	-30.000	-29.486	-30.000	-29.486	-30.000	-21.767	0.002	0.002	
115	-30.000	-21.689	-30.000	-16.147	-30.000	-16.147	-30.000	-21.689	0.002	0.002	
120	-30.000	-23.496	-30.000	-31.260	-30.000	-31.260	-30.000	-23.496	0.002	0.002	
125	-30.000	-25.562	-30.000	-18.019	-30.000	-18.019	-30.000	-25.562	0.002	0.002	
130	-30.000	-20.891	-30.000	-19.266	-30.000	-19.266	-30.000	-20.891	0.002	0.002	
135	-30.000	-22.959	-30.000	-18.761	-30.000	-18.761	-30.000	-22.959	0.002	0.002	
140	-30.000	-16.425	-30.000	-17.279	-30.000	-17.279	-30.000	-16.425	0.002	0.002	
145	-30.000	-21.662	-30.000	-15.832	-30.000	-15.832	-30.000	-21.662	0.002	0.002	
150	-30.000	-16.652	-30.000	-15.945	-30.000	-15.945	-30.000	-16.652	0.002	0.002	
155	-30.000	-20.276	-30.000	-19.497	-30.000	-19.497	-30.000	-20.276	0.002	0.002	
160	-30.000	-19.007	-30.000	-21.101	-30.000	-21.101	-30.000	-19.007	0.002	0.002	
165	-30.000	-19.710	-30.000	-16.027	-30.000	-16.027	-30.000	-19.710	0.002	0.002	
170	-30.000	-23.063	-30.000	-15.006	-30.000	-15.006	-30.000	-23.063	0.002	0.002	
175	-30.000	-22.394	-30.000	-16.459	-30.000	-16.459	-30.000	-22.394	0.002	0.002	
180	-30.000	-21.902	-30.000	-20.013	-30.000	-20.013	-30.000	-21.902	0.002	0.002	
TRP Factor=1dB											

	100MHz-BPSK-Low -64RB0										
	EIRP										TRP
	Y-Axis (EUT)				Z-Axis (EUT)				Y-Axis (EUT)	Z-Axis (EUT)	
	V-Pol.		H-Pol.		V-Pol.		H-Pol.				dBm
angle(°)	dBm	antenna Gain (dBi)	dBm	antenna Gain (dBi)	dBm	antenna Gain (dBi)	dBm	antenna Gain (dBi)	mw	mw	**-22.350**
-180	-30.000	-21.902	-30.000	-20.013	-30.000	-20.013	-30.000	-21.902	0.002	0.002	
-175	-30.000	-21.140	-30.000	-21.754	-30.000	-21.754	-30.000	-21.140	0.002	0.002	
-170	-30.000	-24.638	-30.000	-22.157	-30.000	-22.157	-30.000	-24.638	0.002	0.002	
-165	-30.000	-23.089	-30.000	-22.463	-30.000	-22.463	-30.000	-23.089	0.002	0.002	
-160	-30.000	-24.855	-30.000	-22.421	-30.000	-22.421	-30.000	-24.855	0.002	0.002	
-155	-30.000	-27.689	-30.000	-21.232	-30.000	-21.232	-30.000	-27.689	0.002	0.002	
-150	-30.000	-41.898	-30.000	-21.690	-30.000	-21.690	-30.000	-41.898	0.002	0.002	
-145	-30.000	-32.101	-30.000	-18.910	-30.000	-18.910	-30.000	-32.101	0.002	0.002	
-140	-30.000	-32.776	-30.000	-18.307	-30.000	-18.307	-30.000	-32.776	0.002	0.002	
-135	-30.000	-24.242	-30.000	-23.701	-30.000	-23.701	-30.000	-24.242	0.002	0.002	
-130	-30.000	-27.195	-30.000	-19.394	-30.000	-19.394	-30.000	-27.195	0.002	0.002	
-125	-30.000	-20.246	-30.000	-19.215	-30.000	-19.215	-30.000	-20.246	0.002	0.002	
-120	-30.000	-35.726	-30.000	-17.521	-30.000	-17.521	-30.000	-35.726	0.002	0.002	
-115	-30.000	-20.574	-30.000	-24.992	-30.000	-24.992	-30.000	-20.574	0.002	0.002	
-110	-30.000	-18.043	-30.000	-26.089	-30.000	-26.089	-30.000	-18.043	0.002	0.002	
-105	-30.000	-14.854	-30.000	-22.068	-30.000	-22.068	-30.000	-14.854	0.002	0.002	
-100	-30.000	-13.146	-30.000	-18.181	-30.000	-18.181	-30.000	-13.146	0.002	0.002	
-95	-30.000	-8.645	-30.000	-16.362	-30.000	-16.362	-30.000	-8.645	0.002	0.002	
-90	-30.000	-6.574	-30.000	-14.499	-30.000	-14.499	-30.000	-6.574	0.002	0.002	
-85	-30.000	-5.374	-30.000	-11.867	-30.000	-11.867	-30.000	-5.374	0.002	0.002	
-80	-30.000	-5.018	-30.000	-10.192	-30.000	-10.192	-30.000	-5.018	0.002	0.002	
-75	-30.000	-4.724	-30.000	-8.071	-30.000	-8.071	-30.000	-4.724	0.002	0.002	
-70	-30.000	-6.827	-30.000	-8.783	-30.000	-8.783	-30.000	-6.827	0.002	0.002	
-65	-30.000	-5.432	-30.000	-8.996	-30.000	-8.996	-30.000	-5.432	0.002	0.002	
-60	-30.000	-10.484	-30.000	-9.791	-30.000	-9.791	-30.000	-10.484	0.002	0.002	
-55	-30.000	-5.174	-30.000	-10.874	-30.000	-10.874	-30.000	-5.174	0.002	0.002	
-50	-30.000	-11.299	-30.000	-8.372	-30.000	-8.372	-30.000	-11.299	0.002	0.002	
-45	-30.000	-7.488	-30.000	-19.596	-30.000	-19.596	-30.000	-7.488	0.002	0.002	
-40	-30.000	-8.999	-30.000	-6.994	-30.000	-6.994	-30.000	-8.999	0.002	0.002	
-35	-30.000	-13.994	-30.000	-13.062	-30.000	-13.062	-30.000	-13.994	0.002	0.002	
-30	-30.000	-8.364	-30.000	-5.469	-30.000	-5.469	-30.000	-8.364	0.002	0.002	
-25	-30.000	-5.828	-30.000	-9.683	-30.000	-9.683	-30.000	-5.828	0.002	0.002	
-20	-30.000	-1.714	-30.000	-1.148	-30.000	-1.148	-30.000	-1.714	0.002	0.002	
-15	-30.000	-4.399	-30.000	-10.770	-30.000	-10.770	-30.000	-4.399	0.002	0.002	
-10	-30.000	-1.025	-30.000	-1.004	-30.000	-1.004	-30.000	-1.025	0.002	0.002	
-5	-14.409	15.011	-20.273	14.385	-20.693	14.385	-23.569	15.011	0.046	0.013	
0	-7.410	22.010	-12.840	21.818	-13.260	21.818	-16.570	22.010	0.234	0.069	

5	-16.628	12.792	-23.610	11.048	-24.030	11.048	-25.788	12.792	0.026	0.007	
10	-26.702	2.718	-30.000	0.561	-30.000	0.561	-30.000	2.718	0.003	0.002	
15	-30.000	-9.029	-30.000	-20.555	-30.000	-20.555	-30.000	-9.029	0.002	0.002	
20	-30.000	-9.918	-30.000	-11.649	-30.000	-11.649	-30.000	-9.918	0.002	0.002	
25	-30.000	-14.738	-30.000	-17.560	-30.000	-17.560	-30.000	-14.738	0.002	0.002	
30	-30.000	-15.285	-30.000	-21.795	-30.000	-21.795	-30.000	-15.285	0.002	0.002	
35	-30.000	-5.928	-30.000	-10.756	-30.000	-10.756	-30.000	-5.928	0.002	0.002	
40	-30.000	-9.304	-30.000	-12.823	-30.000	-12.823	-30.000	-9.304	0.002	0.002	
45	-30.000	-11.368	-30.000	-15.194	-30.000	-15.194	-30.000	-11.368	0.002	0.002	
50	-30.000	-18.720	-30.000	-21.990	-30.000	-21.990	-30.000	-18.720	0.002	0.002	
55	-30.000	-14.175	-30.000	-18.829	-30.000	-18.829	-30.000	-14.175	0.002	0.002	
60	-30.000	-14.621	-30.000	-28.614	-30.000	-28.614	-30.000	-14.621	0.002	0.002	
65	-30.000	-21.346	-30.000	-23.675	-30.000	-23.675	-30.000	-21.346	0.002	0.002	
70	-30.000	-24.294	-30.000	-26.572	-30.000	-26.572	-30.000	-24.294	0.002	0.002	
75	-30.000	-24.683	-30.000	-27.311	-30.000	-27.311	-30.000	-24.683	0.002	0.002	
80	-30.000	-17.657	-30.000	-25.340	-30.000	-25.340	-30.000	-17.657	0.002	0.002	
85	-30.000	-21.472	-30.000	-26.661	-30.000	-26.661	-30.000	-21.472	0.002	0.002	
90	-30.000	-16.769	-30.000	-19.167	-30.000	-19.167	-30.000	-16.769	0.002	0.002	
95	-30.000	-32.870	-30.000	-19.728	-30.000	-19.728	-30.000	-32.870	0.002	0.002	
100	-30.000	-33.877	-30.000	-20.422	-30.000	-20.422	-30.000	-33.877	0.002	0.002	
105	-30.000	-18.806	-30.000	-16.483	-30.000	-16.483	-30.000	-18.806	0.002	0.002	
110	-30.000	-21.767	-30.000	-29.486	-30.000	-29.486	-30.000	-21.767	0.002	0.002	
115	-30.000	-21.689	-30.000	-16.147	-30.000	-16.147	-30.000	-21.689	0.002	0.002	
120	-30.000	-23.496	-30.000	-31.260	-30.000	-31.260	-30.000	-23.496	0.002	0.002	
125	-30.000	-25.562	-30.000	-18.019	-30.000	-18.019	-30.000	-25.562	0.002	0.002	
130	-30.000	-20.891	-30.000	-19.266	-30.000	-19.266	-30.000	-20.891	0.002	0.002	
135	-30.000	-22.959	-30.000	-18.761	-30.000	-18.761	-30.000	-22.959	0.002	0.002	
140	-30.000	-16.425	-30.000	-17.279	-30.000	-17.279	-30.000	-16.425	0.002	0.002	
145	-30.000	-21.662	-30.000	-15.832	-30.000	-15.832	-30.000	-21.662	0.002	0.002	
150	-30.000	-16.652	-30.000	-15.945	-30.000	-15.945	-30.000	-16.652	0.002	0.002	
155	-30.000	-20.276	-30.000	-19.497	-30.000	-19.497	-30.000	-20.276	0.002	0.002	
160	-30.000	-19.007	-30.000	-21.101	-30.000	-21.101	-30.000	-19.007	0.002	0.002	
165	-30.000	-19.710	-30.000	-16.027	-30.000	-16.027	-30.000	-19.710	0.002	0.002	
170	-30.000	-23.063	-30.000	-15.006	-30.000	-15.006	-30.000	-23.063	0.002	0.002	
175	-30.000	-22.394	-30.000	-16.459	-30.000	-16.459	-30.000	-22.394	0.002	0.002	
180	-30.000	-21.902	-30.000	-20.013	-30.000	-20.013	-30.000	-21.902	0.002	0.002	
TRP Factor=1dB											

	100MHz-QPSK-Low -64RB0										
		EIRP									TRP
	Y-Axis (EUT)				Z-Axis (EUT)				Y-Axis (EUT)	Z-Axis (EUT)	
	V-Pol.		H-Pol.		V-Pol.		H-Pol.				dBm
angle(°)	dBm	antenna Gain (dBi)	dBm	antenna Gain (dBi)	dBm	antenna Gain (dBi)	dBm	antenna Gain (dBi)	mw	mw	**-20.509**
-180	-30.000	-21.902	-30.000	-20.013	-30.000	-20.013	-30.000	-21.902	0.002	0.002	
-175	-30.000	-21.140	-30.000	-21.754	-30.000	-21.754	-30.000	-21.140	0.002	0.002	
-170	-30.000	-24.638	-30.000	-22.157	-30.000	-22.157	-30.000	-24.638	0.002	0.002	
-165	-30.000	-23.089	-30.000	-22.463	-30.000	-22.463	-30.000	-23.089	0.002	0.002	
-160	-30.000	-24.855	-30.000	-22.421	-30.000	-22.421	-30.000	-24.855	0.002	0.002	
-155	-30.000	-27.689	-30.000	-21.232	-30.000	-21.232	-30.000	-27.689	0.002	0.002	
-150	-30.000	-41.898	-30.000	-21.690	-30.000	-21.690	-30.000	-41.898	0.002	0.002	
-145	-30.000	-32.101	-30.000	-18.910	-30.000	-18.910	-30.000	-32.101	0.002	0.002	
-140	-30.000	-32.776	-30.000	-18.307	-30.000	-18.307	-30.000	-32.776	0.002	0.002	
-135	-30.000	-24.242	-30.000	-23.701	-30.000	-23.701	-30.000	-24.242	0.002	0.002	
-130	-30.000	-27.195	-30.000	-19.394	-30.000	-19.394	-30.000	-27.195	0.002	0.002	
-125	-30.000	-20.246	-30.000	-19.215	-30.000	-19.215	-30.000	-20.246	0.002	0.002	
-120	-30.000	-35.726	-30.000	-17.521	-30.000	-17.521	-30.000	-35.726	0.002	0.002	
-115	-30.000	-20.574	-30.000	-24.992	-30.000	-24.992	-30.000	-20.574	0.002	0.002	
-110	-30.000	-18.043	-30.000	-26.089	-30.000	-26.089	-30.000	-18.043	0.002	0.002	
-105	-30.000	-14.854	-30.000	-22.068	-30.000	-22.068	-30.000	-14.854	0.002	0.002	
-100	-30.000	-13.146	-30.000	-18.181	-30.000	-18.181	-30.000	-13.146	0.002	0.002	
-95	-30.000	-8.645	-30.000	-16.362	-30.000	-16.362	-30.000	-8.645	0.002	0.002	
-90	-30.000	-6.574	-30.000	-14.499	-30.000	-14.499	-30.000	-6.574	0.002	0.002	
-85	-30.000	-5.374	-30.000	-11.867	-30.000	-11.867	-30.000	-5.374	0.002	0.002	
-80	-30.000	-5.018	-30.000	-10.192	-30.000	-10.192	-30.000	-5.018	0.002	0.002	
-75	-30.000	-4.724	-30.000	-8.071	-30.000	-8.071	-30.000	-4.724	0.002	0.002	
-70	-30.000	-6.827	-30.000	-8.783	-30.000	-8.783	-30.000	-6.827	0.002	0.002	
-65	-30.000	-5.432	-30.000	-8.996	-30.000	-8.996	-30.000	-5.432	0.002	0.002	
-60	-30.000	-10.484	-30.000	-9.791	-30.000	-9.791	-30.000	-10.484	0.002	0.002	
-55	-30.000	-5.174	-30.000	-10.874	-30.000	-10.874	-30.000	-5.174	0.002	0.002	
-50	-30.000	-11.299	-30.000	-8.372	-30.000	-8.372	-30.000	-11.299	0.002	0.002	
-45	-30.000	-7.488	-30.000	-19.596	-30.000	-19.596	-30.000	-7.488	0.002	0.002	
-40	-30.000	-8.999	-30.000	-6.994	-30.000	-6.994	-30.000	-8.999	0.002	0.002	
-35	-30.000	-13.994	-30.000	-13.062	-30.000	-13.062	-30.000	-13.994	0.002	0.002	
-30	-30.000	-8.364	-30.000	-5.469	-30.000	-5.469	-30.000	-8.364	0.002	0.002	
-25	-30.000	-5.828	-30.000	-9.683	-30.000	-9.683	-30.000	-5.828	0.002	0.002	
-20	-28.665	-1.714	-30.000	-1.148	-30.000	-1.148	-30.000	-1.714	0.002	0.002	
-15	-30.000	-4.399	-30.000	-10.770	-30.000	-10.770	-30.000	-4.399	0.002	0.002	
-10	-27.976	-1.025	-30.000	-1.004	-30.000	-1.004	-30.000	-1.025	0.003	0.002	
-5	-11.939	15.011	-16.203	14.385	-18.833	14.385	-20.059	15.011	0.088	0.023	
0	-4.940	22.010	-8.770	21.818	-11.400	21.818	-13.060	22.010	0.453	0.122	

5	-14.158	12.792	-19.540	11.048	-22.170	11.048	-22.278	12.792	0.050	0.012	
10	-24.232	2.718	-30.000	0.561	-30.000	0.561	-30.000	2.718	0.005	0.002	
15	-30.000	-9.029	-30.000	-20.555	-30.000	-20.555	-30.000	-9.029	0.002	0.002	
20	-30.000	-9.918	-30.000	-11.649	-30.000	-11.649	-30.000	-9.918	0.002	0.002	
25	-30.000	-14.738	-30.000	-17.560	-30.000	-17.560	-30.000	-14.738	0.002	0.002	
30	-30.000	-15.285	-30.000	-21.795	-30.000	-21.795	-30.000	-15.285	0.002	0.002	
35	-30.000	-5.928	-30.000	-10.756	-30.000	-10.756	-30.000	-5.928	0.002	0.002	
40	-30.000	-9.304	-30.000	-12.823	-30.000	-12.823	-30.000	-9.304	0.002	0.002	
45	-30.000	-11.368	-30.000	-15.194	-30.000	-15.194	-30.000	-11.368	0.002	0.002	
50	-30.000	-18.720	-30.000	-21.990	-30.000	-21.990	-30.000	-18.720	0.002	0.002	
55	-30.000	-14.175	-30.000	-18.829	-30.000	-18.829	-30.000	-14.175	0.002	0.002	
60	-30.000	-14.621	-30.000	-28.614	-30.000	-28.614	-30.000	-14.621	0.002	0.002	
65	-30.000	-21.346	-30.000	-23.675	-30.000	-23.675	-30.000	-21.346	0.002	0.002	
70	-30.000	-24.294	-30.000	-26.572	-30.000	-26.572	-30.000	-24.294	0.002	0.002	
75	-30.000	-24.683	-30.000	-27.311	-30.000	-27.311	-30.000	-24.683	0.002	0.002	
80	-30.000	-17.657	-30.000	-25.340	-30.000	-25.340	-30.000	-17.657	0.002	0.002	
85	-30.000	-21.472	-30.000	-26.661	-30.000	-26.661	-30.000	-21.472	0.002	0.002	
90	-30.000	-16.769	-30.000	-19.167	-30.000	-19.167	-30.000	-16.769	0.002	0.002	
95	-30.000	-32.870	-30.000	-19.728	-30.000	-19.728	-30.000	-32.870	0.002	0.002	
100	-30.000	-33.877	-30.000	-20.422	-30.000	-20.422	-30.000	-33.877	0.002	0.002	
105	-30.000	-18.806	-30.000	-16.483	-30.000	-16.483	-30.000	-18.806	0.002	0.002	
110	-30.000	-21.767	-30.000	-29.486	-30.000	-29.486	-30.000	-21.767	0.002	0.002	
115	-30.000	-21.689	-30.000	-16.147	-30.000	-16.147	-30.000	-21.689	0.002	0.002	
120	-30.000	-23.496	-30.000	-31.260	-30.000	-31.260	-30.000	-23.496	0.002	0.002	
125	-30.000	-25.562	-30.000	-18.019	-30.000	-18.019	-30.000	-25.562	0.002	0.002	
130	-30.000	-20.891	-30.000	-19.266	-30.000	-19.266	-30.000	-20.891	0.002	0.002	
135	-30.000	-22.959	-30.000	-18.761	-30.000	-18.761	-30.000	-22.959	0.002	0.002	
140	-30.000	-16.425	-30.000	-17.279	-30.000	-17.279	-30.000	-16.425	0.002	0.002	
145	-30.000	-21.662	-30.000	-15.832	-30.000	-15.832	-30.000	-21.662	0.002	0.002	
150	-30.000	-16.652	-30.000	-15.945	-30.000	-15.945	-30.000	-16.652	0.002	0.002	
155	-30.000	-20.276	-30.000	-19.497	-30.000	-19.497	-30.000	-20.276	0.002	0.002	
160	-30.000	-19.007	-30.000	-21.101	-30.000	-21.101	-30.000	-19.007	0.002	0.002	
165	-30.000	-19.710	-30.000	-16.027	-30.000	-16.027	-30.000	-19.710	0.002	0.002	
170	-30.000	-23.063	-30.000	-15.006	-30.000	-15.006	-30.000	-23.063	0.002	0.002	
175	-30.000	-22.394	-30.000	-16.459	-30.000	-16.459	-30.000	-22.394	0.002	0.002	
180	-30.000	-21.902	-30.000	-20.013	-30.000	-20.013	-30.000	-21.902	0.002	0.002	
TRP Factor=1dB											

	100MHz-16QAM-Low -64RB0										
		EIRP									TRP
	Y-Axis (EUT)				Z-Axis (EUT)				Y-Axis (EUT)	Z-Axis (EUT)	
	V-Pol.		H-Pol.		V-Pol.		H-Pol.				dBm
angle(°)	dBm	antenna Gain (dBi)	dBm	antenna Gain (dBi)	dBm	antenna Gain (dBi)	dBm	antenna Gain (dBi)	mw	mw	**-17.533**
-180	-30.000	-21.902	-30.000	-20.013	-30.000	-20.013	-30.000	-21.902	0.002	0.002	
-175	-30.000	-21.140	-30.000	-21.754	-30.000	-21.754	-30.000	-21.140	0.002	0.002	
-170	-30.000	-24.638	-30.000	-22.157	-30.000	-22.157	-30.000	-24.638	0.002	0.002	
-165	-30.000	-23.089	-30.000	-22.463	-30.000	-22.463	-30.000	-23.089	0.002	0.002	
-160	-30.000	-24.855	-30.000	-22.421	-30.000	-22.421	-30.000	-24.855	0.002	0.002	
-155	-30.000	-27.689	-30.000	-21.232	-30.000	-21.232	-30.000	-27.689	0.002	0.002	
-150	-30.000	-41.898	-30.000	-21.690	-30.000	-21.690	-30.000	-41.898	0.002	0.002	
-145	-30.000	-32.101	-30.000	-18.910	-30.000	-18.910	-30.000	-32.101	0.002	0.002	
-140	-30.000	-32.776	-30.000	-18.307	-30.000	-18.307	-30.000	-32.776	0.002	0.002	
-135	-30.000	-24.242	-30.000	-23.701	-30.000	-23.701	-30.000	-24.242	0.002	0.002	
-130	-30.000	-27.195	-30.000	-19.394	-30.000	-19.394	-30.000	-27.195	0.002	0.002	
-125	-30.000	-20.246	-30.000	-19.215	-30.000	-19.215	-30.000	-20.246	0.002	0.002	
-120	-30.000	-35.726	-30.000	-17.521	-30.000	-17.521	-30.000	-35.726	0.002	0.002	
-115	-30.000	-20.574	-30.000	-24.992	-30.000	-24.992	-30.000	-20.574	0.002	0.002	
-110	-30.000	-18.043	-30.000	-26.089	-30.000	-26.089	-30.000	-18.043	0.002	0.002	
-105	-30.000	-14.854	-30.000	-22.068	-30.000	-22.068	-30.000	-14.854	0.002	0.002	
-100	-30.000	-13.146	-30.000	-18.181	-30.000	-18.181	-30.000	-13.146	0.002	0.002	
-95	-30.000	-8.645	-30.000	-16.362	-30.000	-16.362	-30.000	-8.645	0.002	0.002	
-90	-30.000	-6.574	-30.000	-14.499	-30.000	-14.499	-30.000	-6.574	0.002	0.002	
-85	-29.794	-5.374	-30.000	-11.867	-30.000	-11.867	-30.000	-5.374	0.002	0.002	
-80	-29.438	-5.018	-30.000	-10.192	-30.000	-10.192	-30.000	-5.018	0.002	0.002	
-75	-29.145	-4.724	-30.000	-8.071	-30.000	-8.071	-30.000	-4.724	0.002	0.002	
-70	-30.000	-6.827	-30.000	-8.783	-30.000	-8.783	-30.000	-6.827	0.002	0.002	
-65	-29.852	-5.432	-30.000	-8.996	-30.000	-8.996	-30.000	-5.432	0.002	0.002	
-60	-30.000	-10.484	-30.000	-9.791	-30.000	-9.791	-30.000	-10.484	0.002	0.002	
-55	-29.595	-5.174	-30.000	-10.874	-30.000	-10.874	-30.000	-5.174	0.002	0.002	
-50	-30.000	-11.299	-30.000	-8.372	-30.000	-8.372	-30.000	-11.299	0.002	0.002	
-45	-30.000	-7.488	-30.000	-19.596	-30.000	-19.596	-30.000	-7.488	0.002	0.002	
-40	-30.000	-8.999	-30.000	-6.994	-30.000	-6.994	-30.000	-8.999	0.002	0.002	
-35	-30.000	-13.994	-30.000	-13.062	-30.000	-13.062	-30.000	-13.994	0.002	0.002	
-30	-30.000	-8.364	-29.737	-5.469	-30.000	-5.469	-30.000	-8.364	0.002	0.002	
-25	-30.000	-5.828	-30.000	-9.683	-30.000	-9.683	-30.000	-5.828	0.002	0.002	
-20	-26.135	-1.714	-25.416	-1.148	-30.000	-1.148	-30.000	-1.714	0.005	0.002	
-15	-28.819	-4.399	-30.000	-10.770	-30.000	-10.770	-30.000	-4.399	0.002	0.002	
-10	-25.446	-1.025	-25.272	-1.004	-30.000	-1.004	-30.000	-1.025	0.006	0.002	
-5	-9.409	15.011	-9.883	14.385	-16.493	14.385	-17.559	15.011	0.217	0.040	
0	-2.410	22.010	-2.450	21.818	-9.060	21.818	-10.560	22.010	1.143	0.212	

5	-11.628	12.792	-13.220	11.048	-19.830	11.048	-19.778	12.792	0.116	0.021	
10	-21.702	2.718	-23.707	0.561	-30.000	0.561	-29.852	2.718	0.011	0.002	
15	-30.000	-9.029	-30.000	-20.555	-30.000	-20.555	-30.000	-9.029	0.002	0.002	
20	-30.000	-9.918	-30.000	-11.649	-30.000	-11.649	-30.000	-9.918	0.002	0.002	
25	-30.000	-14.738	-30.000	-17.560	-30.000	-17.560	-30.000	-14.738	0.002	0.002	
30	-30.000	-15.285	-30.000	-21.795	-30.000	-21.795	-30.000	-15.285	0.002	0.002	
35	-30.000	-5.928	-30.000	-10.756	-30.000	-10.756	-30.000	-5.928	0.002	0.002	
40	-30.000	-9.304	-30.000	-12.823	-30.000	-12.823	-30.000	-9.304	0.002	0.002	
45	-30.000	-11.368	-30.000	-15.194	-30.000	-15.194	-30.000	-11.368	0.002	0.002	
50	-30.000	-18.720	-30.000	-21.990	-30.000	-21.990	-30.000	-18.720	0.002	0.002	
55	-30.000	-14.175	-30.000	-18.829	-30.000	-18.829	-30.000	-14.175	0.002	0.002	
60	-30.000	-14.621	-30.000	-28.614	-30.000	-28.614	-30.000	-14.621	0.002	0.002	
65	-30.000	-21.346	-30.000	-23.675	-30.000	-23.675	-30.000	-21.346	0.002	0.002	
70	-30.000	-24.294	-30.000	-26.572	-30.000	-26.572	-30.000	-24.294	0.002	0.002	
75	-30.000	-24.683	-30.000	-27.311	-30.000	-27.311	-30.000	-24.683	0.002	0.002	
80	-30.000	-17.657	-30.000	-25.340	-30.000	-25.340	-30.000	-17.657	0.002	0.002	
85	-30.000	-21.472	-30.000	-26.661	-30.000	-26.661	-30.000	-21.472	0.002	0.002	
90	-30.000	-16.769	-30.000	-19.167	-30.000	-19.167	-30.000	-16.769	0.002	0.002	
95	-30.000	-32.870	-30.000	-19.728	-30.000	-19.728	-30.000	-32.870	0.002	0.002	
100	-30.000	-33.877	-30.000	-20.422	-30.000	-20.422	-30.000	-33.877	0.002	0.002	
105	-30.000	-18.806	-30.000	-16.483	-30.000	-16.483	-30.000	-18.806	0.002	0.002	
110	-30.000	-21.767	-30.000	-29.486	-30.000	-29.486	-30.000	-21.767	0.002	0.002	
115	-30.000	-21.689	-30.000	-16.147	-30.000	-16.147	-30.000	-21.689	0.002	0.002	
120	-30.000	-23.496	-30.000	-31.260	-30.000	-31.260	-30.000	-23.496	0.002	0.002	
125	-30.000	-25.562	-30.000	-18.019	-30.000	-18.019	-30.000	-25.562	0.002	0.002	
130	-30.000	-20.891	-30.000	-19.266	-30.000	-19.266	-30.000	-20.891	0.002	0.002	
135	-30.000	-22.959	-30.000	-18.761	-30.000	-18.761	-30.000	-22.959	0.002	0.002	
140	-30.000	-16.425	-30.000	-17.279	-30.000	-17.279	-30.000	-16.425	0.002	0.002	
145	-30.000	-21.662	-30.000	-15.832	-30.000	-15.832	-30.000	-21.662	0.002	0.002	
150	-30.000	-16.652	-30.000	-15.945	-30.000	-15.945	-30.000	-16.652	0.002	0.002	
155	-30.000	-20.276	-30.000	-19.497	-30.000	-19.497	-30.000	-20.276	0.002	0.002	
160	-30.000	-19.007	-30.000	-21.101	-30.000	-21.101	-30.000	-19.007	0.002	0.002	
165	-30.000	-19.710	-30.000	-16.027	-30.000	-16.027	-30.000	-19.710	0.002	0.002	
170	-30.000	-23.063	-30.000	-15.006	-30.000	-15.006	-30.000	-23.063	0.002	0.002	
175	-30.000	-22.394	-30.000	-16.459	-30.000	-16.459	-30.000	-22.394	0.002	0.002	
180	-30.000	-21.902	-30.000	-20.013	-30.000	-20.013	-30.000	-21.902	0.002	0.002	
TRP Factor=1dB											

	200MHz-BPSK-MID -128RB0										
	EIRP										TRP
	Y-Axis (EUT)				Z-Axis (EUT)				Y-Axis (EUT)	Z-Axis (EUT)	
	V-Pol.		H-Pol.		V-Pol.		H-Pol.				dBm
angle(°)	dBm	antenna Gain (dBi)	dBm	antenna Gain (dBi)	dBm	antenna Gain (dBi)	dBm	antenna Gain (dBi)	mw	mw	**-23.216**
-180	-30.000	-21.902	-30.000	-20.013	-30.000	-20.013	-30.000	-21.902	0.002	0.002	
-175	-30.000	-21.140	-30.000	-21.754	-30.000	-21.754	-30.000	-21.140	0.002	0.002	
-170	-30.000	-24.638	-30.000	-22.157	-30.000	-22.157	-30.000	-24.638	0.002	0.002	
-165	-30.000	-23.089	-30.000	-22.463	-30.000	-22.463	-30.000	-23.089	0.002	0.002	
-160	-30.000	-24.855	-30.000	-22.421	-30.000	-22.421	-30.000	-24.855	0.002	0.002	
-155	-30.000	-27.689	-30.000	-21.232	-30.000	-21.232	-30.000	-27.689	0.002	0.002	
-150	-30.000	-41.898	-30.000	-21.690	-30.000	-21.690	-30.000	-41.898	0.002	0.002	
-145	-30.000	-32.101	-30.000	-18.910	-30.000	-18.910	-30.000	-32.101	0.002	0.002	
-140	-30.000	-32.776	-30.000	-18.307	-30.000	-18.307	-30.000	-32.776	0.002	0.002	
-135	-30.000	-24.242	-30.000	-23.701	-30.000	-23.701	-30.000	-24.242	0.002	0.002	
-130	-30.000	-27.195	-30.000	-19.394	-30.000	-19.394	-30.000	-27.195	0.002	0.002	
-125	-30.000	-20.246	-30.000	-19.215	-30.000	-19.215	-30.000	-20.246	0.002	0.002	
-120	-30.000	-35.726	-30.000	-17.521	-30.000	-17.521	-30.000	-35.726	0.002	0.002	
-115	-30.000	-20.574	-30.000	-24.992	-30.000	-24.992	-30.000	-20.574	0.002	0.002	
-110	-30.000	-18.043	-30.000	-26.089	-30.000	-26.089	-30.000	-18.043	0.002	0.002	
-105	-30.000	-14.854	-30.000	-22.068	-30.000	-22.068	-30.000	-14.854	0.002	0.002	
-100	-30.000	-13.146	-30.000	-18.181	-30.000	-18.181	-30.000	-13.146	0.002	0.002	
-95	-30.000	-8.645	-30.000	-16.362	-30.000	-16.362	-30.000	-8.645	0.002	0.002	
-90	-30.000	-6.574	-30.000	-14.499	-30.000	-14.499	-30.000	-6.574	0.002	0.002	
-85	-30.000	-5.374	-30.000	-11.867	-30.000	-11.867	-30.000	-5.374	0.002	0.002	
-80	-30.000	-5.018	-30.000	-10.192	-30.000	-10.192	-30.000	-5.018	0.002	0.002	
-75	-30.000	-4.724	-30.000	-8.071	-30.000	-8.071	-30.000	-4.724	0.002	0.002	
-70	-30.000	-6.827	-30.000	-8.783	-30.000	-8.783	-30.000	-6.827	0.002	0.002	
-65	-30.000	-5.432	-30.000	-8.996	-30.000	-8.996	-30.000	-5.432	0.002	0.002	
-60	-30.000	-10.484	-30.000	-9.791	-30.000	-9.791	-30.000	-10.484	0.002	0.002	
-55	-30.000	-5.174	-30.000	-10.874	-30.000	-10.874	-30.000	-5.174	0.002	0.002	
-50	-30.000	-11.299	-30.000	-8.372	-30.000	-8.372	-30.000	-11.299	0.002	0.002	
-45	-30.000	-7.488	-30.000	-19.596	-30.000	-19.596	-30.000	-7.488	0.002	0.002	
-40	-30.000	-8.999	-30.000	-6.994	-30.000	-6.994	-30.000	-8.999	0.002	0.002	
-35	-30.000	-13.994	-30.000	-13.062	-30.000	-13.062	-30.000	-13.994	0.002	0.002	
-30	-30.000	-8.364	-30.000	-5.469	-30.000	-5.469	-30.000	-8.364	0.002	0.002	
-25	-30.000	-5.828	-30.000	-9.683	-30.000	-9.683	-30.000	-5.828	0.002	0.002	
-20	-30.000	-1.714	-30.000	-1.148	-30.000	-1.148	-30.000	-1.714	0.002	0.002	
-15	-30.000	-4.399	-30.000	-10.770	-30.000	-10.770	-30.000	-4.399	0.002	0.002	
-10	-30.000	-1.025	-30.000	-1.004	-30.000	-1.004	-30.000	-1.025	0.002	0.002	
-5	-17.209	15.011	-19.033	14.385	-24.283	14.385	-22.939	15.011	0.032	0.009	
0	-10.210	22.010	-11.600	21.818	-16.850	21.818	-15.940	22.010	0.164	0.046	

5	-19.428	12.792	-22.370	11.048	-27.620	11.048	-25.158	12.792	0.017	0.005	
10	-29.502	2.718	-30.000	0.561	-30.000	0.561	-30.000	2.718	0.002	0.002	
15	-30.000	-9.029	-30.000	-20.555	-30.000	-20.555	-30.000	-9.029	0.002	0.002	
20	-30.000	-9.918	-30.000	-11.649	-30.000	-11.649	-30.000	-9.918	0.002	0.002	
25	-30.000	-14.738	-30.000	-17.560	-30.000	-17.560	-30.000	-14.738	0.002	0.002	
30	-30.000	-15.285	-30.000	-21.795	-30.000	-21.795	-30.000	-15.285	0.002	0.002	
35	-30.000	-5.928	-30.000	-10.756	-30.000	-10.756	-30.000	-5.928	0.002	0.002	
40	-30.000	-9.304	-30.000	-12.823	-30.000	-12.823	-30.000	-9.304	0.002	0.002	
45	-30.000	-11.368	-30.000	-15.194	-30.000	-15.194	-30.000	-11.368	0.002	0.002	
50	-30.000	-18.720	-30.000	-21.990	-30.000	-21.990	-30.000	-18.720	0.002	0.002	
55	-30.000	-14.175	-30.000	-18.829	-30.000	-18.829	-30.000	-14.175	0.002	0.002	
60	-30.000	-14.621	-30.000	-28.614	-30.000	-28.614	-30.000	-14.621	0.002	0.002	
65	-30.000	-21.346	-30.000	-23.675	-30.000	-23.675	-30.000	-21.346	0.002	0.002	
70	-30.000	-24.294	-30.000	-26.572	-30.000	-26.572	-30.000	-24.294	0.002	0.002	
75	-30.000	-24.683	-30.000	-27.311	-30.000	-27.311	-30.000	-24.683	0.002	0.002	
80	-30.000	-17.657	-30.000	-25.340	-30.000	-25.340	-30.000	-17.657	0.002	0.002	
85	-30.000	-21.472	-30.000	-26.661	-30.000	-26.661	-30.000	-21.472	0.002	0.002	
90	-30.000	-16.769	-30.000	-19.167	-30.000	-19.167	-30.000	-16.769	0.002	0.002	
95	-30.000	-32.870	-30.000	-19.728	-30.000	-19.728	-30.000	-32.870	0.002	0.002	
100	-30.000	-33.877	-30.000	-20.422	-30.000	-20.422	-30.000	-33.877	0.002	0.002	
105	-30.000	-18.806	-30.000	-16.483	-30.000	-16.483	-30.000	-18.806	0.002	0.002	
110	-30.000	-21.767	-30.000	-29.486	-30.000	-29.486	-30.000	-21.767	0.002	0.002	
115	-30.000	-21.689	-30.000	-16.147	-30.000	-16.147	-30.000	-21.689	0.002	0.002	
120	-30.000	-23.496	-30.000	-31.260	-30.000	-31.260	-30.000	-23.496	0.002	0.002	
125	-30.000	-25.562	-30.000	-18.019	-30.000	-18.019	-30.000	-25.562	0.002	0.002	
130	-30.000	-20.891	-30.000	-19.266	-30.000	-19.266	-30.000	-20.891	0.002	0.002	
135	-30.000	-22.959	-30.000	-18.761	-30.000	-18.761	-30.000	-22.959	0.002	0.002	
140	-30.000	-16.425	-30.000	-17.279	-30.000	-17.279	-30.000	-16.425	0.002	0.002	
145	-30.000	-21.662	-30.000	-15.832	-30.000	-15.832	-30.000	-21.662	0.002	0.002	
150	-30.000	-16.652	-30.000	-15.945	-30.000	-15.945	-30.000	-16.652	0.002	0.002	
155	-30.000	-20.276	-30.000	-19.497	-30.000	-19.497	-30.000	-20.276	0.002	0.002	
160	-30.000	-19.007	-30.000	-21.101	-30.000	-21.101	-30.000	-19.007	0.002	0.002	
165	-30.000	-19.710	-30.000	-16.027	-30.000	-16.027	-30.000	-19.710	0.002	0.002	
170	-30.000	-23.063	-30.000	-15.006	-30.000	-15.006	-30.000	-23.063	0.002	0.002	
175	-30.000	-22.394	-30.000	-16.459	-30.000	-16.459	-30.000	-22.394	0.002	0.002	
180	-30.000	-21.902	-30.000	-20.013	-30.000	-20.013	-30.000	-21.902	0.002	0.002	
TRP Factor=1dB											

	200MHz-QPSK-MID -128RB0										
	EIRP										TRP
	Y-Axis (EUT)				Z-Axis (EUT)				Y-Axis (EUT)	Z-Axis (EUT)	
	V-Pol.		H-Pol.		V-Pol.		H-Pol.				dBm
angle(°)	dBm	antenna Gain (dBi)	dBm	antenna Gain (dBi)	dBm	antenna Gain (dBi)	dBm	antenna Gain (dBi)	mw	mw	**-21.797**
-180	-30.000	-21.902	-30.000	-20.013	-30.000	-20.013	-30.000	-21.902	0.002	0.002	
-175	-30.000	-21.140	-30.000	-21.754	-30.000	-21.754	-30.000	-21.140	0.002	0.002	
-170	-30.000	-24.638	-30.000	-22.157	-30.000	-22.157	-30.000	-24.638	0.002	0.002	
-165	-30.000	-23.089	-30.000	-22.463	-30.000	-22.463	-30.000	-23.089	0.002	0.002	
-160	-30.000	-24.855	-30.000	-22.421	-30.000	-22.421	-30.000	-24.855	0.002	0.002	
-155	-30.000	-27.689	-30.000	-21.232	-30.000	-21.232	-30.000	-27.689	0.002	0.002	
-150	-30.000	-41.898	-30.000	-21.690	-30.000	-21.690	-30.000	-41.898	0.002	0.002	
-145	-30.000	-32.101	-30.000	-18.910	-30.000	-18.910	-30.000	-32.101	0.002	0.002	
-140	-30.000	-32.776	-30.000	-18.307	-30.000	-18.307	-30.000	-32.776	0.002	0.002	
-135	-30.000	-24.242	-30.000	-23.701	-30.000	-23.701	-30.000	-24.242	0.002	0.002	
-130	-30.000	-27.195	-30.000	-19.394	-30.000	-19.394	-30.000	-27.195	0.002	0.002	
-125	-30.000	-20.246	-30.000	-19.215	-30.000	-19.215	-30.000	-20.246	0.002	0.002	
-120	-30.000	-35.726	-30.000	-17.521	-30.000	-17.521	-30.000	-35.726	0.002	0.002	
-115	-30.000	-20.574	-30.000	-24.992	-30.000	-24.992	-30.000	-20.574	0.002	0.002	
-110	-30.000	-18.043	-30.000	-26.089	-30.000	-26.089	-30.000	-18.043	0.002	0.002	
-105	-30.000	-14.854	-30.000	-22.068	-30.000	-22.068	-30.000	-14.854	0.002	0.002	
-100	-30.000	-13.146	-30.000	-18.181	-30.000	-18.181	-30.000	-13.146	0.002	0.002	
-95	-30.000	-8.645	-30.000	-16.362	-30.000	-16.362	-30.000	-8.645	0.002	0.002	
-90	-30.000	-6.574	-30.000	-14.499	-30.000	-14.499	-30.000	-6.574	0.002	0.002	
-85	-30.000	-5.374	-30.000	-11.867	-30.000	-11.867	-30.000	-5.374	0.002	0.002	
-80	-30.000	-5.018	-30.000	-10.192	-30.000	-10.192	-30.000	-5.018	0.002	0.002	
-75	-30.000	-4.724	-30.000	-8.071	-30.000	-8.071	-30.000	-4.724	0.002	0.002	
-70	-30.000	-6.827	-30.000	-8.783	-30.000	-8.783	-30.000	-6.827	0.002	0.002	
-65	-30.000	-5.432	-30.000	-8.996	-30.000	-8.996	-30.000	-5.432	0.002	0.002	
-60	-30.000	-10.484	-30.000	-9.791	-30.000	-9.791	-30.000	-10.484	0.002	0.002	
-55	-30.000	-5.174	-30.000	-10.874	-30.000	-10.874	-30.000	-5.174	0.002	0.002	
-50	-30.000	-11.299	-30.000	-8.372	-30.000	-8.372	-30.000	-11.299	0.002	0.002	
-45	-30.000	-7.488	-30.000	-19.596	-30.000	-19.596	-30.000	-7.488	0.002	0.002	
-40	-30.000	-8.999	-30.000	-6.994	-30.000	-6.994	-30.000	-8.999	0.002	0.002	
-35	-30.000	-13.994	-30.000	-13.062	-30.000	-13.062	-30.000	-13.994	0.002	0.002	
-30	-30.000	-8.364	-30.000	-5.469	-30.000	-5.469	-30.000	-8.364	0.002	0.002	
-25	-30.000	-5.828	-30.000	-9.683	-30.000	-9.683	-30.000	-5.828	0.002	0.002	
-20	-30.000	-1.714	-30.000	-1.148	-30.000	-1.148	-30.000	-1.714	0.002	0.002	
-15	-30.000	-4.399	-30.000	-10.770	-30.000	-10.770	-30.000	-4.399	0.002	0.002	
-10	-29.876	-1.025	-30.000	-1.004	-30.000	-1.004	-30.000	-1.025	0.002	0.002	
-5	-13.839	15.011	-17.633	14.385	-22.313	14.385	-21.179	15.011	0.059	0.013	
0	-6.840	22.010	-10.200	21.818	-14.880	21.818	-14.180	22.010	0.303	0.071	

5	-16.058	12.792	-20.970	11.048	-25.650	11.048	-23.398	12.792	0.033	0.007	
10	-26.132	2.718	-30.000	0.561	-30.000	0.561	-30.000	2.718	0.003	0.002	
15	-30.000	-9.029	-30.000	-20.555	-30.000	-20.555	-30.000	-9.029	0.002	0.002	
20	-30.000	-9.918	-30.000	-11.649	-30.000	-11.649	-30.000	-9.918	0.002	0.002	
25	-30.000	-14.738	-30.000	-17.560	-30.000	-17.560	-30.000	-14.738	0.002	0.002	
30	-30.000	-15.285	-30.000	-21.795	-30.000	-21.795	-30.000	-15.285	0.002	0.002	
35	-30.000	-5.928	-30.000	-10.756	-30.000	-10.756	-30.000	-5.928	0.002	0.002	
40	-30.000	-9.304	-30.000	-12.823	-30.000	-12.823	-30.000	-9.304	0.002	0.002	
45	-30.000	-11.368	-30.000	-15.194	-30.000	-15.194	-30.000	-11.368	0.002	0.002	
50	-30.000	-18.720	-30.000	-21.990	-30.000	-21.990	-30.000	-18.720	0.002	0.002	
55	-30.000	-14.175	-30.000	-18.829	-30.000	-18.829	-30.000	-14.175	0.002	0.002	
60	-30.000	-14.621	-30.000	-28.614	-30.000	-28.614	-30.000	-14.621	0.002	0.002	
65	-30.000	-21.346	-30.000	-23.675	-30.000	-23.675	-30.000	-21.346	0.002	0.002	
70	-30.000	-24.294	-30.000	-26.572	-30.000	-26.572	-30.000	-24.294	0.002	0.002	
75	-30.000	-24.683	-30.000	-27.311	-30.000	-27.311	-30.000	-24.683	0.002	0.002	
80	-30.000	-17.657	-30.000	-25.340	-30.000	-25.340	-30.000	-17.657	0.002	0.002	
85	-30.000	-21.472	-30.000	-26.661	-30.000	-26.661	-30.000	-21.472	0.002	0.002	
90	-30.000	-16.769	-30.000	-19.167	-30.000	-19.167	-30.000	-16.769	0.002	0.002	
95	-30.000	-32.870	-30.000	-19.728	-30.000	-19.728	-30.000	-32.870	0.002	0.002	
100	-30.000	-33.877	-30.000	-20.422	-30.000	-20.422	-30.000	-33.877	0.002	0.002	
105	-30.000	-18.806	-30.000	-16.483	-30.000	-16.483	-30.000	-18.806	0.002	0.002	
110	-30.000	-21.767	-30.000	-29.486	-30.000	-29.486	-30.000	-21.767	0.002	0.002	
115	-30.000	-21.689	-30.000	-16.147	-30.000	-16.147	-30.000	-21.689	0.002	0.002	
120	-30.000	-23.496	-30.000	-31.260	-30.000	-31.260	-30.000	-23.496	0.002	0.002	
125	-30.000	-25.562	-30.000	-18.019	-30.000	-18.019	-30.000	-25.562	0.002	0.002	
130	-30.000	-20.891	-30.000	-19.266	-30.000	-19.266	-30.000	-20.891	0.002	0.002	
135	-30.000	-22.959	-30.000	-18.761	-30.000	-18.761	-30.000	-22.959	0.002	0.002	
140	-30.000	-16.425	-30.000	-17.279	-30.000	-17.279	-30.000	-16.425	0.002	0.002	
145	-30.000	-21.662	-30.000	-15.832	-30.000	-15.832	-30.000	-21.662	0.002	0.002	
150	-30.000	-16.652	-30.000	-15.945	-30.000	-15.945	-30.000	-16.652	0.002	0.002	
155	-30.000	-20.276	-30.000	-19.497	-30.000	-19.497	-30.000	-20.276	0.002	0.002	
160	-30.000	-19.007	-30.000	-21.101	-30.000	-21.101	-30.000	-19.007	0.002	0.002	
165	-30.000	-19.710	-30.000	-16.027	-30.000	-16.027	-30.000	-19.710	0.002	0.002	
170	-30.000	-23.063	-30.000	-15.006	-30.000	-15.006	-30.000	-23.063	0.002	0.002	
175	-30.000	-22.394	-30.000	-16.459	-30.000	-16.459	-30.000	-22.394	0.002	0.002	
180	-30.000	-21.902	-30.000	-20.013	-30.000	-20.013	-30.000	-21.902	0.002	0.002	
TRP Factor=1dB											

	200MHz-16QAM-MID -128RB0										
	EIRP										TRP
	Y-Axis (EUT)				Z-Axis (EUT)				Y-Axis (EUT)	Z-Axis (EUT)	
	V-Pol.		H-Pol.		V-Pol.		H-Pol.				dBm
angle(°)	dBm	antenna Gain (dBi)	dBm	antenna Gain (dBi)	dBm	antenna Gain (dBi)	dBm	antenna Gain (dBi)	mw	mw	**-20.455**
-180	-30.000	-21.902	-30.000	-20.013	-30.000	-20.013	-30.000	-21.902	0.002	0.002	
-175	-30.000	-21.140	-30.000	-21.754	-30.000	-21.754	-30.000	-21.140	0.002	0.002	
-170	-30.000	-24.638	-30.000	-22.157	-30.000	-22.157	-30.000	-24.638	0.002	0.002	
-165	-30.000	-23.089	-30.000	-22.463	-30.000	-22.463	-30.000	-23.089	0.002	0.002	
-160	-30.000	-24.855	-30.000	-22.421	-30.000	-22.421	-30.000	-24.855	0.002	0.002	
-155	-30.000	-27.689	-30.000	-21.232	-30.000	-21.232	-30.000	-27.689	0.002	0.002	
-150	-30.000	-41.898	-30.000	-21.690	-30.000	-21.690	-30.000	-41.898	0.002	0.002	
-145	-30.000	-32.101	-30.000	-18.910	-30.000	-18.910	-30.000	-32.101	0.002	0.002	
-140	-30.000	-32.776	-30.000	-18.307	-30.000	-18.307	-30.000	-32.776	0.002	0.002	
-135	-30.000	-24.242	-30.000	-23.701	-30.000	-23.701	-30.000	-24.242	0.002	0.002	
-130	-30.000	-27.195	-30.000	-19.394	-30.000	-19.394	-30.000	-27.195	0.002	0.002	
-125	-30.000	-20.246	-30.000	-19.215	-30.000	-19.215	-30.000	-20.246	0.002	0.002	
-120	-30.000	-35.726	-30.000	-17.521	-30.000	-17.521	-30.000	-35.726	0.002	0.002	
-115	-30.000	-20.574	-30.000	-24.992	-30.000	-24.992	-30.000	-20.574	0.002	0.002	
-110	-30.000	-18.043	-30.000	-26.089	-30.000	-26.089	-30.000	-18.043	0.002	0.002	
-105	-30.000	-14.854	-30.000	-22.068	-30.000	-22.068	-30.000	-14.854	0.002	0.002	
-100	-30.000	-13.146	-30.000	-18.181	-30.000	-18.181	-30.000	-13.146	0.002	0.002	
-95	-30.000	-8.645	-30.000	-16.362	-30.000	-16.362	-30.000	-8.645	0.002	0.002	
-90	-30.000	-6.574	-30.000	-14.499	-30.000	-14.499	-30.000	-6.574	0.002	0.002	
-85	-30.000	-5.374	-30.000	-11.867	-30.000	-11.867	-30.000	-5.374	0.002	0.002	
-80	-30.000	-5.018	-30.000	-10.192	-30.000	-10.192	-30.000	-5.018	0.002	0.002	
-75	-30.000	-4.724	-30.000	-8.071	-30.000	-8.071	-30.000	-4.724	0.002	0.002	
-70	-30.000	-6.827	-30.000	-8.783	-30.000	-8.783	-30.000	-6.827	0.002	0.002	
-65	-30.000	-5.432	-30.000	-8.996	-30.000	-8.996	-30.000	-5.432	0.002	0.002	
-60	-30.000	-10.484	-30.000	-9.791	-30.000	-9.791	-30.000	-10.484	0.002	0.002	
-55	-30.000	-5.174	-30.000	-10.874	-30.000	-10.874	-30.000	-5.174	0.002	0.002	
-50	-30.000	-11.299	-30.000	-8.372	-30.000	-8.372	-30.000	-11.299	0.002	0.002	
-45	-30.000	-7.488	-30.000	-19.596	-30.000	-19.596	-30.000	-7.488	0.002	0.002	
-40	-30.000	-8.999	-30.000	-6.994	-30.000	-6.994	-30.000	-8.999	0.002	0.002	
-35	-30.000	-13.994	-30.000	-13.062	-30.000	-13.062	-30.000	-13.994	0.002	0.002	
-30	-30.000	-8.364	-30.000	-5.469	-30.000	-5.469	-30.000	-8.364	0.002	0.002	
-25	-30.000	-5.828	-30.000	-9.683	-30.000	-9.683	-30.000	-5.828	0.002	0.002	
-20	-28.645	-1.714	-30.000	-1.148	-30.000	-1.148	-30.000	-1.714	0.002	0.002	
-15	-30.000	-4.399	-30.000	-10.770	-30.000	-10.770	-30.000	-4.399	0.002	0.002	
-10	-27.956	-1.025	-30.000	-1.004	-30.000	-1.004	-30.000	-1.025	0.003	0.002	
-5	-11.919	15.011	-15.803	14.385	-19.073	14.385	-20.079	15.011	0.091	0.022	
0	-4.920	22.010	-8.370	21.818	-11.640	21.818	-13.080	22.010	0.468	0.118	

5	-14.138	12.792	-19.140	11.048	-22.410	11.048	-22.298	12.792	0.051	0.012	
10	-24.212	2.718	-29.627	0.561	-30.000	0.561	-30.000	2.718	0.005	0.002	
15	-30.000	-9.029	-30.000	-20.555	-30.000	-20.555	-30.000	-9.029	0.002	0.002	
20	-30.000	-9.918	-30.000	-11.649	-30.000	-11.649	-30.000	-9.918	0.002	0.002	
25	-30.000	-14.738	-30.000	-17.560	-30.000	-17.560	-30.000	-14.738	0.002	0.002	
30	-30.000	-15.285	-30.000	-21.795	-30.000	-21.795	-30.000	-15.285	0.002	0.002	
35	-30.000	-5.928	-30.000	-10.756	-30.000	-10.756	-30.000	-5.928	0.002	0.002	
40	-30.000	-9.304	-30.000	-12.823	-30.000	-12.823	-30.000	-9.304	0.002	0.002	
45	-30.000	-11.368	-30.000	-15.194	-30.000	-15.194	-30.000	-11.368	0.002	0.002	
50	-30.000	-18.720	-30.000	-21.990	-30.000	-21.990	-30.000	-18.720	0.002	0.002	
55	-30.000	-14.175	-30.000	-18.829	-30.000	-18.829	-30.000	-14.175	0.002	0.002	
60	-30.000	-14.621	-30.000	-28.614	-30.000	-28.614	-30.000	-14.621	0.002	0.002	
65	-30.000	-21.346	-30.000	-23.675	-30.000	-23.675	-30.000	-21.346	0.002	0.002	
70	-30.000	-24.294	-30.000	-26.572	-30.000	-26.572	-30.000	-24.294	0.002	0.002	
75	-30.000	-24.683	-30.000	-27.311	-30.000	-27.311	-30.000	-24.683	0.002	0.002	
80	-30.000	-17.657	-30.000	-25.340	-30.000	-25.340	-30.000	-17.657	0.002	0.002	
85	-30.000	-21.472	-30.000	-26.661	-30.000	-26.661	-30.000	-21.472	0.002	0.002	
90	-30.000	-16.769	-30.000	-19.167	-30.000	-19.167	-30.000	-16.769	0.002	0.002	
95	-30.000	-32.870	-30.000	-19.728	-30.000	-19.728	-30.000	-32.870	0.002	0.002	
100	-30.000	-33.877	-30.000	-20.422	-30.000	-20.422	-30.000	-33.877	0.002	0.002	
105	-30.000	-18.806	-30.000	-16.483	-30.000	-16.483	-30.000	-18.806	0.002	0.002	
110	-30.000	-21.767	-30.000	-29.486	-30.000	-29.486	-30.000	-21.767	0.002	0.002	
115	-30.000	-21.689	-30.000	-16.147	-30.000	-16.147	-30.000	-21.689	0.002	0.002	
120	-30.000	-23.496	-30.000	-31.260	-30.000	-31.260	-30.000	-23.496	0.002	0.002	
125	-30.000	-25.562	-30.000	-18.019	-30.000	-18.019	-30.000	-25.562	0.002	0.002	
130	-30.000	-20.891	-30.000	-19.266	-30.000	-19.266	-30.000	-20.891	0.002	0.002	
135	-30.000	-22.959	-30.000	-18.761	-30.000	-18.761	-30.000	-22.959	0.002	0.002	
140	-30.000	-16.425	-30.000	-17.279	-30.000	-17.279	-30.000	-16.425	0.002	0.002	
145	-30.000	-21.662	-30.000	-15.832	-30.000	-15.832	-30.000	-21.662	0.002	0.002	
150	-30.000	-16.652	-30.000	-15.945	-30.000	-15.945	-30.000	-16.652	0.002	0.002	
155	-30.000	-20.276	-30.000	-19.497	-30.000	-19.497	-30.000	-20.276	0.002	0.002	
160	-30.000	-19.007	-30.000	-21.101	-30.000	-21.101	-30.000	-19.007	0.002	0.002	
165	-30.000	-19.710	-30.000	-16.027	-30.000	-16.027	-30.000	-19.710	0.002	0.002	
170	-30.000	-23.063	-30.000	-15.006	-30.000	-15.006	-30.000	-23.063	0.002	0.002	
175	-30.000	-22.394	-30.000	-16.459	-30.000	-16.459	-30.000	-22.394	0.002	0.002	
180	-30.000	-21.902	-30.000	-20.013	-30.000	-20.013	-30.000	-21.902	0.002	0.002	
TRP Factor=1dB											

	50MHz-BPSK-High-32RB0										
	EIRP										TRP
	Y-Axis (EUT)				Z-Axis (EUT)				Y-Axis (EUT)	Z-Axis (EUT)	
	V-Pol.		H-Pol.		V-Pol.		H-Pol.				dBm
angle(°)	dBm	antenna Gain (dBi)	dBm	antenna Gain (dBi)	dBm	antenna Gain (dBi)	dBm	antenna Gain (dBi)	mw	mw	**-21.780**
-180	-30.000	-21.902	-30.000	-20.013	-30.000	-20.013	-30.000	-21.902	0.002	0.002	
-175	-30.000	-21.140	-30.000	-21.754	-30.000	-21.754	-30.000	-21.140	0.002	0.002	
-170	-30.000	-24.638	-30.000	-22.157	-30.000	-22.157	-30.000	-24.638	0.002	0.002	
-165	-30.000	-23.089	-30.000	-22.463	-30.000	-22.463	-30.000	-23.089	0.002	0.002	
-160	-30.000	-24.855	-30.000	-22.421	-30.000	-22.421	-30.000	-24.855	0.002	0.002	
-155	-30.000	-27.689	-30.000	-21.232	-30.000	-21.232	-30.000	-27.689	0.002	0.002	
-150	-30.000	-41.898	-30.000	-21.690	-30.000	-21.690	-30.000	-41.898	0.002	0.002	
-145	-30.000	-32.101	-30.000	-18.910	-30.000	-18.910	-30.000	-32.101	0.002	0.002	
-140	-30.000	-32.776	-30.000	-18.307	-30.000	-18.307	-30.000	-32.776	0.002	0.002	
-135	-30.000	-24.242	-30.000	-23.701	-30.000	-23.701	-30.000	-24.242	0.002	0.002	
-130	-30.000	-27.195	-30.000	-19.394	-30.000	-19.394	-30.000	-27.195	0.002	0.002	
-125	-30.000	-20.246	-30.000	-19.215	-30.000	-19.215	-30.000	-20.246	0.002	0.002	
-120	-30.000	-35.726	-30.000	-17.521	-30.000	-17.521	-30.000	-35.726	0.002	0.002	
-115	-30.000	-20.574	-30.000	-24.992	-30.000	-24.992	-30.000	-20.574	0.002	0.002	
-110	-30.000	-18.043	-30.000	-26.089	-30.000	-26.089	-30.000	-18.043	0.002	0.002	
-105	-30.000	-14.854	-30.000	-22.068	-30.000	-22.068	-30.000	-14.854	0.002	0.002	
-100	-30.000	-13.146	-30.000	-18.181	-30.000	-18.181	-30.000	-13.146	0.002	0.002	
-95	-30.000	-8.645	-30.000	-16.362	-30.000	-16.362	-30.000	-8.645	0.002	0.002	
-90	-30.000	-6.574	-30.000	-14.499	-30.000	-14.499	-30.000	-6.574	0.002	0.002	
-85	-30.000	-5.374	-30.000	-11.867	-30.000	-11.867	-30.000	-5.374	0.002	0.002	
-80	-30.000	-5.018	-30.000	-10.192	-30.000	-10.192	-30.000	-5.018	0.002	0.002	
-75	-30.000	-4.724	-30.000	-8.071	-30.000	-8.071	-30.000	-4.724	0.002	0.002	
-70	-30.000	-6.827	-30.000	-8.783	-30.000	-8.783	-30.000	-6.827	0.002	0.002	
-65	-30.000	-5.432	-30.000	-8.996	-30.000	-8.996	-30.000	-5.432	0.002	0.002	
-60	-30.000	-10.484	-30.000	-9.791	-30.000	-9.791	-30.000	-10.484	0.002	0.002	
-55	-30.000	-5.174	-30.000	-10.874	-30.000	-10.874	-30.000	-5.174	0.002	0.002	
-50	-30.000	-11.299	-30.000	-8.372	-30.000	-8.372	-30.000	-11.299	0.002	0.002	
-45	-30.000	-7.488	-30.000	-19.596	-30.000	-19.596	-30.000	-7.488	0.002	0.002	
-40	-30.000	-8.999	-30.000	-6.994	-30.000	-6.994	-30.000	-8.999	0.002	0.002	
-35	-30.000	-13.994	-30.000	-13.062	-30.000	-13.062	-30.000	-13.994	0.002	0.002	
-30	-30.000	-8.364	-30.000	-5.469	-30.000	-5.469	-30.000	-8.364	0.002	0.002	
-25	-30.000	-5.828	-30.000	-9.683	-30.000	-9.683	-30.000	-5.828	0.002	0.002	
-20	-30.000	-1.714	-30.000	-1.148	-30.000	-1.148	-30.000	-1.714	0.002	0.002	
-15	-30.000	-4.399	-30.000	-10.770	-30.000	-10.770	-30.000	-4.399	0.002	0.002	
-10	-30.000	-1.025	-30.000	-1.004	-30.000	-1.004	-30.000	-1.025	0.002	0.002	
-5	-14.769	15.011	-16.643	14.385	-21.373	14.385	-20.029	15.011	0.055	0.017	
0	-7.770	22.010	-9.210	21.818	-13.940	21.818	-13.030	22.010	0.287	0.090	

5	-16.988	12.792	-19.980	11.048	-24.710	11.048	-22.248	12.792	0.030	0.009	
10	-27.062	2.718	-30.000	0.561	-30.000	0.561	-30.000	2.718	0.003	0.002	
15	-30.000	-9.029	-30.000	-20.555	-30.000	-20.555	-30.000	-9.029	0.002	0.002	
20	-30.000	-9.918	-30.000	-11.649	-30.000	-11.649	-30.000	-9.918	0.002	0.002	
25	-30.000	-14.738	-30.000	-17.560	-30.000	-17.560	-30.000	-14.738	0.002	0.002	
30	-30.000	-15.285	-30.000	-21.795	-30.000	-21.795	-30.000	-15.285	0.002	0.002	
35	-30.000	-5.928	-30.000	-10.756	-30.000	-10.756	-30.000	-5.928	0.002	0.002	
40	-30.000	-9.304	-30.000	-12.823	-30.000	-12.823	-30.000	-9.304	0.002	0.002	
45	-30.000	-11.368	-30.000	-15.194	-30.000	-15.194	-30.000	-11.368	0.002	0.002	
50	-30.000	-18.720	-30.000	-21.990	-30.000	-21.990	-30.000	-18.720	0.002	0.002	
55	-30.000	-14.175	-30.000	-18.829	-30.000	-18.829	-30.000	-14.175	0.002	0.002	
60	-30.000	-14.621	-30.000	-28.614	-30.000	-28.614	-30.000	-14.621	0.002	0.002	
65	-30.000	-21.346	-30.000	-23.675	-30.000	-23.675	-30.000	-21.346	0.002	0.002	
70	-30.000	-24.294	-30.000	-26.572	-30.000	-26.572	-30.000	-24.294	0.002	0.002	
75	-30.000	-24.683	-30.000	-27.311	-30.000	-27.311	-30.000	-24.683	0.002	0.002	
80	-30.000	-17.657	-30.000	-25.340	-30.000	-25.340	-30.000	-17.657	0.002	0.002	
85	-30.000	-21.472	-30.000	-26.661	-30.000	-26.661	-30.000	-21.472	0.002	0.002	
90	-30.000	-16.769	-30.000	-19.167	-30.000	-19.167	-30.000	-16.769	0.002	0.002	
95	-30.000	-32.870	-30.000	-19.728	-30.000	-19.728	-30.000	-32.870	0.002	0.002	
100	-30.000	-33.877	-30.000	-20.422	-30.000	-20.422	-30.000	-33.877	0.002	0.002	
105	-30.000	-18.806	-30.000	-16.483	-30.000	-16.483	-30.000	-18.806	0.002	0.002	
110	-30.000	-21.767	-30.000	-29.486	-30.000	-29.486	-30.000	-21.767	0.002	0.002	
115	-30.000	-21.689	-30.000	-16.147	-30.000	-16.147	-30.000	-21.689	0.002	0.002	
120	-30.000	-23.496	-30.000	-31.260	-30.000	-31.260	-30.000	-23.496	0.002	0.002	
125	-30.000	-25.562	-30.000	-18.019	-30.000	-18.019	-30.000	-25.562	0.002	0.002	
130	-30.000	-20.891	-30.000	-19.266	-30.000	-19.266	-30.000	-20.891	0.002	0.002	
135	-30.000	-22.959	-30.000	-18.761	-30.000	-18.761	-30.000	-22.959	0.002	0.002	
140	-30.000	-16.425	-30.000	-17.279	-30.000	-17.279	-30.000	-16.425	0.002	0.002	
145	-30.000	-21.662	-30.000	-15.832	-30.000	-15.832	-30.000	-21.662	0.002	0.002	
150	-30.000	-16.652	-30.000	-15.945	-30.000	-15.945	-30.000	-16.652	0.002	0.002	
155	-30.000	-20.276	-30.000	-19.497	-30.000	-19.497	-30.000	-20.276	0.002	0.002	
160	-30.000	-19.007	-30.000	-21.101	-30.000	-21.101	-30.000	-19.007	0.002	0.002	
165	-30.000	-19.710	-30.000	-16.027	-30.000	-16.027	-30.000	-19.710	0.002	0.002	
170	-30.000	-23.063	-30.000	-15.006	-30.000	-15.006	-30.000	-23.063	0.002	0.002	
175	-30.000	-22.394	-30.000	-16.459	-30.000	-16.459	-30.000	-22.394	0.002	0.002	
180	-30.000	-21.902	-30.000	-20.013	-30.000	-20.013	-30.000	-21.902	0.002	0.002	
TRP Factor=1dB											

	50MHz-QPSK-High-32RB0										
	EIRP										TRP
	Y-Axis (EUT)				Z-Axis (EUT)				Y-Axis (EUT)	Z-Axis (EUT)	
	V-Pol.		H-Pol.		V-Pol.		H-Pol.				dBm
angle(°)	dBm	antenna Gain (dBi)	dBm	antenna Gain (dBi)	dBm	antenna Gain (dBi)	dBm	antenna Gain (dBi)	mw	mw	**-18.046**
-180	-30.000	-21.902	-30.000	-20.013	-30.000	-20.013	-30.000	-21.902	0.002	0.002	
-175	-30.000	-21.140	-30.000	-21.754	-30.000	-21.754	-30.000	-21.140	0.002	0.002	
-170	-30.000	-24.638	-30.000	-22.157	-30.000	-22.157	-30.000	-24.638	0.002	0.002	
-165	-30.000	-23.089	-30.000	-22.463	-30.000	-22.463	-30.000	-23.089	0.002	0.002	
-160	-30.000	-24.855	-30.000	-22.421	-30.000	-22.421	-30.000	-24.855	0.002	0.002	
-155	-30.000	-27.689	-30.000	-21.232	-30.000	-21.232	-30.000	-27.689	0.002	0.002	
-150	-30.000	-41.898	-30.000	-21.690	-30.000	-21.690	-30.000	-41.898	0.002	0.002	
-145	-30.000	-32.101	-30.000	-18.910	-30.000	-18.910	-30.000	-32.101	0.002	0.002	
-140	-30.000	-32.776	-30.000	-18.307	-30.000	-18.307	-30.000	-32.776	0.002	0.002	
-135	-30.000	-24.242	-30.000	-23.701	-30.000	-23.701	-30.000	-24.242	0.002	0.002	
-130	-30.000	-27.195	-30.000	-19.394	-30.000	-19.394	-30.000	-27.195	0.002	0.002	
-125	-30.000	-20.246	-30.000	-19.215	-30.000	-19.215	-30.000	-20.246	0.002	0.002	
-120	-30.000	-35.726	-30.000	-17.521	-30.000	-17.521	-30.000	-35.726	0.002	0.002	
-115	-30.000	-20.574	-30.000	-24.992	-30.000	-24.992	-30.000	-20.574	0.002	0.002	
-110	-30.000	-18.043	-30.000	-26.089	-30.000	-26.089	-30.000	-18.043	0.002	0.002	
-105	-30.000	-14.854	-30.000	-22.068	-30.000	-22.068	-30.000	-14.854	0.002	0.002	
-100	-30.000	-13.146	-30.000	-18.181	-30.000	-18.181	-30.000	-13.146	0.002	0.002	
-95	-30.000	-8.645	-30.000	-16.362	-30.000	-16.362	-30.000	-8.645	0.002	0.002	
-90	-30.000	-6.574	-30.000	-14.499	-30.000	-14.499	-30.000	-6.574	0.002	0.002	
-85	-29.614	-5.374	-30.000	-11.867	-30.000	-11.867	-30.000	-5.374	0.002	0.002	
-80	-29.258	-5.018	-30.000	-10.192	-30.000	-10.192	-30.000	-5.018	0.002	0.002	
-75	-28.965	-4.724	-30.000	-8.071	-30.000	-8.071	-30.000	-4.724	0.002	0.002	
-70	-30.000	-6.827	-30.000	-8.783	-30.000	-8.783	-30.000	-6.827	0.002	0.002	
-65	-29.672	-5.432	-30.000	-8.996	-30.000	-8.996	-30.000	-5.432	0.002	0.002	
-60	-30.000	-10.484	-30.000	-9.791	-30.000	-9.791	-30.000	-10.484	0.002	0.002	
-55	-29.415	-5.174	-30.000	-10.874	-30.000	-10.874	-30.000	-5.174	0.002	0.002	
-50	-30.000	-11.299	-30.000	-8.372	-30.000	-8.372	-30.000	-11.299	0.002	0.002	
-45	-30.000	-7.488	-30.000	-19.596	-30.000	-19.596	-30.000	-7.488	0.002	0.002	
-40	-30.000	-8.999	-30.000	-6.994	-30.000	-6.994	-30.000	-8.999	0.002	0.002	
-35	-30.000	-13.994	-30.000	-13.062	-30.000	-13.062	-30.000	-13.994	0.002	0.002	
-30	-30.000	-8.364	-30.000	-5.469	-30.000	-5.469	-30.000	-8.364	0.002	0.002	
-25	-30.000	-5.828	-30.000	-9.683	-30.000	-9.683	-30.000	-5.828	0.002	0.002	
-20	-25.955	-1.714	-28.426	-1.148	-30.000	-1.148	-30.000	-1.714	0.004	0.002	
-15	-28.639	-4.399	-30.000	-10.770	-30.000	-10.770	-30.000	-4.399	0.002	0.002	
-10	-25.266	-1.025	-28.282	-1.004	-30.000	-1.004	-30.000	-1.025	0.004	0.002	
-5	-9.229	15.011	-12.893	14.385	-16.733	14.385	-15.879	15.011	0.171	0.047	
0	-2.230	22.010	-5.460	21.818	-9.300	21.818	-8.880	22.010	0.883	0.247	

5	-11.448	12.792	-16.230	11.048	-20.070	11.048	-11.718	12.792	0.095	0.077	
10	-21.522	2.718	-26.717	0.561	-30.000	0.561	-21.792	2.718	0.009	0.008	
15	-30.000	-9.029	-30.000	-20.555	-30.000	-20.555	-30.000	-9.029	0.002	0.002	
20	-30.000	-9.918	-30.000	-11.649	-30.000	-11.649	-30.000	-9.918	0.002	0.002	
25	-30.000	-14.738	-30.000	-17.560	-30.000	-17.560	-30.000	-14.738	0.002	0.002	
30	-30.000	-15.285	-30.000	-21.795	-30.000	-21.795	-30.000	-15.285	0.002	0.002	
35	-30.000	-5.928	-30.000	-10.756	-30.000	-10.756	-30.000	-5.928	0.002	0.002	
40	-30.000	-9.304	-30.000	-12.823	-30.000	-12.823	-30.000	-9.304	0.002	0.002	
45	-30.000	-11.368	-30.000	-15.194	-30.000	-15.194	-30.000	-11.368	0.002	0.002	
50	-30.000	-18.720	-30.000	-21.990	-30.000	-21.990	-30.000	-18.720	0.002	0.002	
55	-30.000	-14.175	-30.000	-18.829	-30.000	-18.829	-30.000	-14.175	0.002	0.002	
60	-30.000	-14.621	-30.000	-28.614	-30.000	-28.614	-30.000	-14.621	0.002	0.002	
65	-30.000	-21.346	-30.000	-23.675	-30.000	-23.675	-30.000	-21.346	0.002	0.002	
70	-30.000	-24.294	-30.000	-26.572	-30.000	-26.572	-30.000	-24.294	0.002	0.002	
75	-30.000	-24.683	-30.000	-27.311	-30.000	-27.311	-30.000	-24.683	0.002	0.002	
80	-30.000	-17.657	-30.000	-25.340	-30.000	-25.340	-30.000	-17.657	0.002	0.002	
85	-30.000	-21.472	-30.000	-26.661	-30.000	-26.661	-30.000	-21.472	0.002	0.002	
90	-30.000	-16.769	-30.000	-19.167	-30.000	-19.167	-30.000	-16.769	0.002	0.002	
95	-30.000	-32.870	-30.000	-19.728	-30.000	-19.728	-30.000	-32.870	0.002	0.002	
100	-30.000	-33.877	-30.000	-20.422	-30.000	-20.422	-30.000	-33.877	0.002	0.002	
105	-30.000	-18.806	-30.000	-16.483	-30.000	-16.483	-30.000	-18.806	0.002	0.002	
110	-30.000	-21.767	-30.000	-29.486	-30.000	-29.486	-30.000	-21.767	0.002	0.002	
115	-30.000	-21.689	-30.000	-16.147	-30.000	-16.147	-30.000	-21.689	0.002	0.002	
120	-30.000	-23.496	-30.000	-31.260	-30.000	-31.260	-30.000	-23.496	0.002	0.002	
125	-30.000	-25.562	-30.000	-18.019	-30.000	-18.019	-30.000	-25.562	0.002	0.002	
130	-30.000	-20.891	-30.000	-19.266	-30.000	-19.266	-30.000	-20.891	0.002	0.002	
135	-30.000	-22.959	-30.000	-18.761	-30.000	-18.761	-30.000	-22.959	0.002	0.002	
140	-30.000	-16.425	-30.000	-17.279	-30.000	-17.279	-30.000	-16.425	0.002	0.002	
145	-30.000	-21.662	-30.000	-15.832	-30.000	-15.832	-30.000	-21.662	0.002	0.002	
150	-30.000	-16.652	-30.000	-15.945	-30.000	-15.945	-30.000	-16.652	0.002	0.002	
155	-30.000	-20.276	-30.000	-19.497	-30.000	-19.497	-30.000	-20.276	0.002	0.002	
160	-30.000	-19.007	-30.000	-21.101	-30.000	-21.101	-30.000	-19.007	0.002	0.002	
165	-30.000	-19.710	-30.000	-16.027	-30.000	-16.027	-30.000	-19.710	0.002	0.002	
170	-30.000	-23.063	-30.000	-15.006	-30.000	-15.006	-30.000	-23.063	0.002	0.002	
175	-30.000	-22.394	-30.000	-16.459	-30.000	-16.459	-30.000	-22.394	0.002	0.002	
180	-30.000	-21.902	-30.000	-20.013	-30.000	-20.013	-30.000	-21.902	0.002	0.002	
TRP Factor=1dB											

	50MHz-16QAM-High -32RB0										
	EIRP										TRP
	Y-Axis (EUT)				Z-Axis (EUT)				Y-Axis (EUT)	Z-Axis (EUT)	
	V-Pol.		H-Pol.		V-Pol.		H-Pol.				dBm
angle(°)	dBm	antenna Gain (dBi)	dBm	antenna Gain (dBi)	dBm	antenna Gain (dBi)	dBm	antenna Gain (dBi)	mw	mw	**-16.193**
-180	-30.000	-21.902	-30.000	-20.013	-30.000	-20.013	-30.000	-21.902	0.002	0.002	
-175	-30.000	-21.140	-30.000	-21.754	-30.000	-21.754	-30.000	-21.140	0.002	0.002	
-170	-30.000	-24.638	-30.000	-22.157	-30.000	-22.157	-30.000	-24.638	0.002	0.002	
-165	-30.000	-23.089	-30.000	-22.463	-30.000	-22.463	-30.000	-23.089	0.002	0.002	
-160	-30.000	-24.855	-30.000	-22.421	-30.000	-22.421	-30.000	-24.855	0.002	0.002	
-155	-30.000	-27.689	-30.000	-21.232	-30.000	-21.232	-30.000	-27.689	0.002	0.002	
-150	-30.000	-41.898	-30.000	-21.690	-30.000	-21.690	-30.000	-41.898	0.002	0.002	
-145	-30.000	-32.101	-30.000	-18.910	-30.000	-18.910	-30.000	-32.101	0.002	0.002	
-140	-30.000	-32.776	-30.000	-18.307	-30.000	-18.307	-30.000	-32.776	0.002	0.002	
-135	-30.000	-24.242	-30.000	-23.701	-30.000	-23.701	-30.000	-24.242	0.002	0.002	
-130	-30.000	-27.195	-30.000	-19.394	-30.000	-19.394	-30.000	-27.195	0.002	0.002	
-125	-30.000	-20.246	-30.000	-19.215	-30.000	-19.215	-30.000	-20.246	0.002	0.002	
-120	-30.000	-35.726	-30.000	-17.521	-30.000	-17.521	-30.000	-35.726	0.002	0.002	
-115	-30.000	-20.574	-30.000	-24.992	-30.000	-24.992	-30.000	-20.574	0.002	0.002	
-110	-30.000	-18.043	-30.000	-26.089	-30.000	-26.089	-30.000	-18.043	0.002	0.002	
-105	-30.000	-14.854	-30.000	-22.068	-30.000	-22.068	-30.000	-14.854	0.002	0.002	
-100	-30.000	-13.146	-30.000	-18.181	-30.000	-18.181	-30.000	-13.146	0.002	0.002	
-95	-30.000	-8.645	-30.000	-16.362	-30.000	-16.362	-30.000	-8.645	0.002	0.002	
-90	-28.914	-6.574	-30.000	-14.499	-30.000	-14.499	-30.000	-6.574	0.002	0.002	
-85	-27.714	-5.374	-30.000	-11.867	-30.000	-11.867	-30.000	-5.374	0.003	0.002	
-80	-27.358	-5.018	-30.000	-10.192	-30.000	-10.192	-30.000	-5.018	0.003	0.002	
-75	-27.065	-4.724	-30.000	-8.071	-30.000	-8.071	-30.000	-4.724	0.003	0.002	
-70	-29.167	-6.827	-30.000	-8.783	-30.000	-8.783	-30.000	-6.827	0.002	0.002	
-65	-27.772	-5.432	-30.000	-8.996	-30.000	-8.996	-30.000	-5.432	0.003	0.002	
-60	-30.000	-10.484	-30.000	-9.791	-30.000	-9.791	-30.000	-10.484	0.002	0.002	
-55	-27.515	-5.174	-30.000	-10.874	-30.000	-10.874	-30.000	-5.174	0.003	0.002	
-50	-30.000	-11.299	-30.000	-8.372	-30.000	-8.372	-30.000	-11.299	0.002	0.002	
-45	-29.828	-7.488	-30.000	-19.596	-30.000	-19.596	-30.000	-7.488	0.002	0.002	
-40	-30.000	-8.999	-30.000	-6.994	-30.000	-6.994	-30.000	-8.999	0.002	0.002	
-35	-30.000	-13.994	-30.000	-13.062	-30.000	-13.062	-30.000	-13.994	0.002	0.002	
-30	-30.000	-8.364	-30.000	-5.469	-30.000	-5.469	-30.000	-8.364	0.002	0.002	
-25	-28.168	-5.828	-30.000	-9.683	-30.000	-9.683	-30.000	-5.828	0.003	0.002	
-20	-24.055	-1.714	-26.116	-1.148	-29.646	-1.148	-29.785	-1.714	0.006	0.002	
-15	-26.739	-4.399	-30.000	-10.770	-30.000	-10.770	-30.000	-4.399	0.003	0.002	
-10	-23.366	-1.025	-25.972	-1.004	-29.502	-1.004	-29.096	-1.025	0.007	0.002	
-5	-7.329	15.011	-10.583	14.385	-14.113	14.385	-13.059	15.011	0.272	0.088	
0	-0.330	22.010	-3.150	21.818	-6.680	21.818	-6.060	22.010	1.411	0.463	

5	-9.548	12.792	-13.920	11.048	-17.450	11.048	-11.718	12.792	0.152	0.085	
10	-19.622	2.718	-24.407	0.561	-27.937	0.561	-21.792	2.718	0.015	0.008	
15	-30.000	-9.029	-30.000	-20.555	-30.000	-20.555	-30.000	-9.029	0.002	0.002	
20	-30.000	-9.918	-30.000	-11.649	-30.000	-11.649	-30.000	-9.918	0.002	0.002	
25	-30.000	-14.738	-30.000	-17.560	-30.000	-17.560	-30.000	-14.738	0.002	0.002	
30	-30.000	-15.285	-30.000	-21.795	-30.000	-21.795	-30.000	-15.285	0.002	0.002	
35	-28.268	-5.928	-30.000	-10.756	-30.000	-10.756	-30.000	-5.928	0.002	0.002	
40	-30.000	-9.304	-30.000	-12.823	-30.000	-12.823	-30.000	-9.304	0.002	0.002	
45	-30.000	-11.368	-30.000	-15.194	-30.000	-15.194	-30.000	-11.368	0.002	0.002	
50	-30.000	-18.720	-30.000	-21.990	-30.000	-21.990	-30.000	-18.720	0.002	0.002	
55	-30.000	-14.175	-30.000	-18.829	-30.000	-18.829	-30.000	-14.175	0.002	0.002	
60	-30.000	-14.621	-30.000	-28.614	-30.000	-28.614	-30.000	-14.621	0.002	0.002	
65	-30.000	-21.346	-30.000	-23.675	-30.000	-23.675	-30.000	-21.346	0.002	0.002	
70	-30.000	-24.294	-30.000	-26.572	-30.000	-26.572	-30.000	-24.294	0.002	0.002	
75	-30.000	-24.683	-30.000	-27.311	-30.000	-27.311	-30.000	-24.683	0.002	0.002	
80	-30.000	-17.657	-30.000	-25.340	-30.000	-25.340	-30.000	-17.657	0.002	0.002	
85	-30.000	-21.472	-30.000	-26.661	-30.000	-26.661	-30.000	-21.472	0.002	0.002	
90	-30.000	-16.769	-30.000	-19.167	-30.000	-19.167	-30.000	-16.769	0.002	0.002	
95	-30.000	-32.870	-30.000	-19.728	-30.000	-19.728	-30.000	-32.870	0.002	0.002	
100	-30.000	-33.877	-30.000	-20.422	-30.000	-20.422	-30.000	-33.877	0.002	0.002	
105	-30.000	-18.806	-30.000	-16.483	-30.000	-16.483	-30.000	-18.806	0.002	0.002	
110	-30.000	-21.767	-30.000	-29.486	-30.000	-29.486	-30.000	-21.767	0.002	0.002	
115	-30.000	-21.689	-30.000	-16.147	-30.000	-16.147	-30.000	-21.689	0.002	0.002	
120	-30.000	-23.496	-30.000	-31.260	-30.000	-31.260	-30.000	-23.496	0.002	0.002	
125	-30.000	-25.562	-30.000	-18.019	-30.000	-18.019	-30.000	-25.562	0.002	0.002	
130	-30.000	-20.891	-30.000	-19.266	-30.000	-19.266	-30.000	-20.891	0.002	0.002	
135	-30.000	-22.959	-30.000	-18.761	-30.000	-18.761	-30.000	-22.959	0.002	0.002	
140	-30.000	-16.425	-30.000	-17.279	-30.000	-17.279	-30.000	-16.425	0.002	0.002	
145	-30.000	-21.662	-30.000	-15.832	-30.000	-15.832	-30.000	-21.662	0.002	0.002	
150	-30.000	-16.652	-30.000	-15.945	-30.000	-15.945	-30.000	-16.652	0.002	0.002	
155	-30.000	-20.276	-30.000	-19.497	-30.000	-19.497	-30.000	-20.276	0.002	0.002	
160	-30.000	-19.007	-30.000	-21.101	-30.000	-21.101	-30.000	-19.007	0.002	0.002	
165	-30.000	-19.710	-30.000	-16.027	-30.000	-16.027	-30.000	-19.710	0.002	0.002	
170	-30.000	-23.063	-30.000	-15.006	-30.000	-15.006	-30.000	-23.063	0.002	0.002	
175	-30.000	-22.394	-30.000	-16.459	-30.000	-16.459	-30.000	-22.394	0.002	0.002	
180	-30.000	-21.902	-30.000	-20.013	-30.000	-20.013	-30.000	-21.902	0.002	0.002	
TRP Factor=1dB											

	100MHz-BPSK-High-64RB0										
	EIRP										TRP
	Y-Axis (EUT)				Z-Axis (EUT)				Y-Axis (EUT)	Z-Axis (EUT)	
	V-Pol.		H-Pol.		V-Pol.		H-Pol.				dBm
angle(°)	dBm	antenna Gain (dBi)	dBm	antenna Gain (dBi)	dBm	antenna Gain (dBi)	dBm	antenna Gain (dBi)	mw	mw	**-23.986**
-180	-30.000	-21.902	-30.000	-20.013	-30.000	-20.013	-30.000	-21.902	0.002	0.002	
-175	-30.000	-21.140	-30.000	-21.754	-30.000	-21.754	-30.000	-21.140	0.002	0.002	
-170	-30.000	-24.638	-30.000	-22.157	-30.000	-22.157	-30.000	-24.638	0.002	0.002	
-165	-30.000	-23.089	-30.000	-22.463	-30.000	-22.463	-30.000	-23.089	0.002	0.002	
-160	-30.000	-24.855	-30.000	-22.421	-30.000	-22.421	-30.000	-24.855	0.002	0.002	
-155	-30.000	-27.689	-30.000	-21.232	-30.000	-21.232	-30.000	-27.689	0.002	0.002	
-150	-30.000	-41.898	-30.000	-21.690	-30.000	-21.690	-30.000	-41.898	0.002	0.002	
-145	-30.000	-32.101	-30.000	-18.910	-30.000	-18.910	-30.000	-32.101	0.002	0.002	
-140	-30.000	-32.776	-30.000	-18.307	-30.000	-18.307	-30.000	-32.776	0.002	0.002	
-135	-30.000	-24.242	-30.000	-23.701	-30.000	-23.701	-30.000	-24.242	0.002	0.002	
-130	-30.000	-27.195	-30.000	-19.394	-30.000	-19.394	-30.000	-27.195	0.002	0.002	
-125	-30.000	-20.246	-30.000	-19.215	-30.000	-19.215	-30.000	-20.246	0.002	0.002	
-120	-30.000	-35.726	-30.000	-17.521	-30.000	-17.521	-30.000	-35.726	0.002	0.002	
-115	-30.000	-20.574	-30.000	-24.992	-30.000	-24.992	-30.000	-20.574	0.002	0.002	
-110	-30.000	-18.043	-30.000	-26.089	-30.000	-26.089	-30.000	-18.043	0.002	0.002	
-105	-30.000	-14.854	-30.000	-22.068	-30.000	-22.068	-30.000	-14.854	0.002	0.002	
-100	-30.000	-13.146	-30.000	-18.181	-30.000	-18.181	-30.000	-13.146	0.002	0.002	
-95	-30.000	-8.645	-30.000	-16.362	-30.000	-16.362	-30.000	-8.645	0.002	0.002	
-90	-30.000	-6.574	-30.000	-14.499	-30.000	-14.499	-30.000	-6.574	0.002	0.002	
-85	-30.000	-5.374	-30.000	-11.867	-30.000	-11.867	-30.000	-5.374	0.002	0.002	
-80	-30.000	-5.018	-30.000	-10.192	-30.000	-10.192	-30.000	-5.018	0.002	0.002	
-75	-30.000	-4.724	-30.000	-8.071	-30.000	-8.071	-30.000	-4.724	0.002	0.002	
-70	-30.000	-6.827	-30.000	-8.783	-30.000	-8.783	-30.000	-6.827	0.002	0.002	
-65	-30.000	-5.432	-30.000	-8.996	-30.000	-8.996	-30.000	-5.432	0.002	0.002	
-60	-30.000	-10.484	-30.000	-9.791	-30.000	-9.791	-30.000	-10.484	0.002	0.002	
-55	-30.000	-5.174	-30.000	-10.874	-30.000	-10.874	-30.000	-5.174	0.002	0.002	
-50	-30.000	-11.299	-30.000	-8.372	-30.000	-8.372	-30.000	-11.299	0.002	0.002	
-45	-30.000	-7.488	-30.000	-19.596	-30.000	-19.596	-30.000	-7.488	0.002	0.002	
-40	-30.000	-8.999	-30.000	-6.994	-30.000	-6.994	-30.000	-8.999	0.002	0.002	
-35	-30.000	-13.994	-30.000	-13.062	-30.000	-13.062	-30.000	-13.994	0.002	0.002	
-30	-30.000	-8.364	-30.000	-5.469	-30.000	-5.469	-30.000	-8.364	0.002	0.002	
-25	-30.000	-5.828	-30.000	-9.683	-30.000	-9.683	-30.000	-5.828	0.002	0.002	
-20	-30.000	-1.714	-30.000	-1.148	-30.000	-1.148	-30.000	-1.714	0.002	0.002	
-15	-30.000	-4.399	-30.000	-10.770	-30.000	-10.770	-30.000	-4.399	0.002	0.002	
-10	-30.000	-1.025	-30.000	-1.004	-30.000	-1.004	-30.000	-1.025	0.002	0.002	
-5	-18.359	15.011	-22.553	14.385	-24.643	14.385	-24.439	15.011	0.020	0.007	
0	-11.360	22.010	-15.120	21.818	-17.210	21.818	-17.440	22.010	0.104	0.037	

5	-20.578	12.792	-25.890	11.048	-27.980	11.048	-26.658	12.792	0.011	0.004	
10	-30.000	2.718	-30.000	0.561	-30.000	0.561	-30.000	2.718	0.002	0.002	
15	-30.000	-9.029	-30.000	-20.555	-30.000	-20.555	-30.000	-9.029	0.002	0.002	
20	-30.000	-9.918	-30.000	-11.649	-30.000	-11.649	-30.000	-9.918	0.002	0.002	
25	-30.000	-14.738	-30.000	-17.560	-30.000	-17.560	-30.000	-14.738	0.002	0.002	
30	-30.000	-15.285	-30.000	-21.795	-30.000	-21.795	-30.000	-15.285	0.002	0.002	
35	-30.000	-5.928	-30.000	-10.756	-30.000	-10.756	-30.000	-5.928	0.002	0.002	
40	-30.000	-9.304	-30.000	-12.823	-30.000	-12.823	-30.000	-9.304	0.002	0.002	
45	-30.000	-11.368	-30.000	-15.194	-30.000	-15.194	-30.000	-11.368	0.002	0.002	
50	-30.000	-18.720	-30.000	-21.990	-30.000	-21.990	-30.000	-18.720	0.002	0.002	
55	-30.000	-14.175	-30.000	-18.829	-30.000	-18.829	-30.000	-14.175	0.002	0.002	
60	-30.000	-14.621	-30.000	-28.614	-30.000	-28.614	-30.000	-14.621	0.002	0.002	
65	-30.000	-21.346	-30.000	-23.675	-30.000	-23.675	-30.000	-21.346	0.002	0.002	
70	-30.000	-24.294	-30.000	-26.572	-30.000	-26.572	-30.000	-24.294	0.002	0.002	
75	-30.000	-24.683	-30.000	-27.311	-30.000	-27.311	-30.000	-24.683	0.002	0.002	
80	-30.000	-17.657	-30.000	-25.340	-30.000	-25.340	-30.000	-17.657	0.002	0.002	
85	-30.000	-21.472	-30.000	-26.661	-30.000	-26.661	-30.000	-21.472	0.002	0.002	
90	-30.000	-16.769	-30.000	-19.167	-30.000	-19.167	-30.000	-16.769	0.002	0.002	
95	-30.000	-32.870	-30.000	-19.728	-30.000	-19.728	-30.000	-32.870	0.002	0.002	
100	-30.000	-33.877	-30.000	-20.422	-30.000	-20.422	-30.000	-33.877	0.002	0.002	
105	-30.000	-18.806	-30.000	-16.483	-30.000	-16.483	-30.000	-18.806	0.002	0.002	
110	-30.000	-21.767	-30.000	-29.486	-30.000	-29.486	-30.000	-21.767	0.002	0.002	
115	-30.000	-21.689	-30.000	-16.147	-30.000	-16.147	-30.000	-21.689	0.002	0.002	
120	-30.000	-23.496	-30.000	-31.260	-30.000	-31.260	-30.000	-23.496	0.002	0.002	
125	-30.000	-25.562	-30.000	-18.019	-30.000	-18.019	-30.000	-25.562	0.002	0.002	
130	-30.000	-20.891	-30.000	-19.266	-30.000	-19.266	-30.000	-20.891	0.002	0.002	
135	-30.000	-22.959	-30.000	-18.761	-30.000	-18.761	-30.000	-22.959	0.002	0.002	
140	-30.000	-16.425	-30.000	-17.279	-30.000	-17.279	-30.000	-16.425	0.002	0.002	
145	-30.000	-21.662	-30.000	-15.832	-30.000	-15.832	-30.000	-21.662	0.002	0.002	
150	-30.000	-16.652	-30.000	-15.945	-30.000	-15.945	-30.000	-16.652	0.002	0.002	
155	-30.000	-20.276	-30.000	-19.497	-30.000	-19.497	-30.000	-20.276	0.002	0.002	
160	-30.000	-19.007	-30.000	-21.101	-30.000	-21.101	-30.000	-19.007	0.002	0.002	
165	-30.000	-19.710	-30.000	-16.027	-30.000	-16.027	-30.000	-19.710	0.002	0.002	
170	-30.000	-23.063	-30.000	-15.006	-30.000	-15.006	-30.000	-23.063	0.002	0.002	
175	-30.000	-22.394	-30.000	-16.459	-30.000	-16.459	-30.000	-22.394	0.002	0.002	
180	-30.000	-21.902	-30.000	-20.013	-30.000	-20.013	-30.000	-21.902	0.002	0.002	
TRP Factor=1dB											

	100MHz-QPSK-High-64RB0										
	EIRP										TRP
	Y-Axis (EUT)				Z-Axis (EUT)				Y-Axis (EUT)	Z-Axis (EUT)	
	V-Pol.		H-Pol.		V-Pol.		H-Pol.				dBm
angle(°)	dBm	antenna Gain (dBi)	dBm	antenna Gain (dBi)	dBm	antenna Gain (dBi)	dBm	antenna Gain (dBi)	mw	mw	**-21.094**
-180	-30.000	-21.902	-30.000	-20.013	-30.000	-20.013	-30.000	-21.902	0.002	0.002	
-175	-30.000	-21.140	-30.000	-21.754	-30.000	-21.754	-30.000	-21.140	0.002	0.002	
-170	-30.000	-24.638	-30.000	-22.157	-30.000	-22.157	-30.000	-24.638	0.002	0.002	
-165	-30.000	-23.089	-30.000	-22.463	-30.000	-22.463	-30.000	-23.089	0.002	0.002	
-160	-30.000	-24.855	-30.000	-22.421	-30.000	-22.421	-30.000	-24.855	0.002	0.002	
-155	-30.000	-27.689	-30.000	-21.232	-30.000	-21.232	-30.000	-27.689	0.002	0.002	
-150	-30.000	-41.898	-30.000	-21.690	-30.000	-21.690	-30.000	-41.898	0.002	0.002	
-145	-30.000	-32.101	-30.000	-18.910	-30.000	-18.910	-30.000	-32.101	0.002	0.002	
-140	-30.000	-32.776	-30.000	-18.307	-30.000	-18.307	-30.000	-32.776	0.002	0.002	
-135	-30.000	-24.242	-30.000	-23.701	-30.000	-23.701	-30.000	-24.242	0.002	0.002	
-130	-30.000	-27.195	-30.000	-19.394	-30.000	-19.394	-30.000	-27.195	0.002	0.002	
-125	-30.000	-20.246	-30.000	-19.215	-30.000	-19.215	-30.000	-20.246	0.002	0.002	
-120	-30.000	-35.726	-30.000	-17.521	-30.000	-17.521	-30.000	-35.726	0.002	0.002	
-115	-30.000	-20.574	-30.000	-24.992	-30.000	-24.992	-30.000	-20.574	0.002	0.002	
-110	-30.000	-18.043	-30.000	-26.089	-30.000	-26.089	-30.000	-18.043	0.002	0.002	
-105	-30.000	-14.854	-30.000	-22.068	-30.000	-22.068	-30.000	-14.854	0.002	0.002	
-100	-30.000	-13.146	-30.000	-18.181	-30.000	-18.181	-30.000	-13.146	0.002	0.002	
-95	-30.000	-8.645	-30.000	-16.362	-30.000	-16.362	-30.000	-8.645	0.002	0.002	
-90	-30.000	-6.574	-30.000	-14.499	-30.000	-14.499	-30.000	-6.574	0.002	0.002	
-85	-30.000	-5.374	-30.000	-11.867	-30.000	-11.867	-30.000	-5.374	0.002	0.002	
-80	-30.000	-5.018	-30.000	-10.192	-30.000	-10.192	-30.000	-5.018	0.002	0.002	
-75	-30.000	-4.724	-30.000	-8.071	-30.000	-8.071	-30.000	-4.724	0.002	0.002	
-70	-30.000	-6.827	-30.000	-8.783	-30.000	-8.783	-30.000	-6.827	0.002	0.002	
-65	-30.000	-5.432	-30.000	-8.996	-30.000	-8.996	-30.000	-5.432	0.002	0.002	
-60	-30.000	-10.484	-30.000	-9.791	-30.000	-9.791	-30.000	-10.484	0.002	0.002	
-55	-30.000	-5.174	-30.000	-10.874	-30.000	-10.874	-30.000	-5.174	0.002	0.002	
-50	-30.000	-11.299	-30.000	-8.372	-30.000	-8.372	-30.000	-11.299	0.002	0.002	
-45	-30.000	-7.488	-30.000	-19.596	-30.000	-19.596	-30.000	-7.488	0.002	0.002	
-40	-30.000	-8.999	-30.000	-6.994	-30.000	-6.994	-30.000	-8.999	0.002	0.002	
-35	-30.000	-13.994	-30.000	-13.062	-30.000	-13.062	-30.000	-13.994	0.002	0.002	
-30	-30.000	-8.364	-30.000	-5.469	-30.000	-5.469	-30.000	-8.364	0.002	0.002	
-25	-30.000	-5.828	-30.000	-9.683	-30.000	-9.683	-30.000	-5.828	0.002	0.002	
-20	-29.965	-1.714	-30.000	-1.148	-30.000	-1.148	-30.000	-1.714	0.002	0.002	
-15	-30.000	-4.399	-30.000	-10.770	-30.000	-10.770	-30.000	-4.399	0.002	0.002	
-10	-29.276	-1.025	-30.000	-1.004	-30.000	-1.004	-30.000	-1.025	0.002	0.002	
-5	-13.239	15.011	-16.193	14.385	-19.313	14.385	-20.749	15.011	0.071	0.020	
0	-6.240	22.010	-8.760	21.818	-11.880	21.818	-13.750	22.010	0.371	0.107	

5	-15.458	12.792	-19.530	11.048	-22.650	11.048	-22.968	12.792	0.040	0.010	
10	-25.532	2.718	-30.000	0.561	-30.000	0.561	-30.000	2.718	0.004	0.002	
15	-30.000	-9.029	-30.000	-20.555	-30.000	-20.555	-30.000	-9.029	0.002	0.002	
20	-30.000	-9.918	-30.000	-11.649	-30.000	-11.649	-30.000	-9.918	0.002	0.002	
25	-30.000	-14.738	-30.000	-17.560	-30.000	-17.560	-30.000	-14.738	0.002	0.002	
30	-30.000	-15.285	-30.000	-21.795	-30.000	-21.795	-30.000	-15.285	0.002	0.002	
35	-30.000	-5.928	-30.000	-10.756	-30.000	-10.756	-30.000	-5.928	0.002	0.002	
40	-30.000	-9.304	-30.000	-12.823	-30.000	-12.823	-30.000	-9.304	0.002	0.002	
45	-30.000	-11.368	-30.000	-15.194	-30.000	-15.194	-30.000	-11.368	0.002	0.002	
50	-30.000	-18.720	-30.000	-21.990	-30.000	-21.990	-30.000	-18.720	0.002	0.002	
55	-30.000	-14.175	-30.000	-18.829	-30.000	-18.829	-30.000	-14.175	0.002	0.002	
60	-30.000	-14.621	-30.000	-28.614	-30.000	-28.614	-30.000	-14.621	0.002	0.002	
65	-30.000	-21.346	-30.000	-23.675	-30.000	-23.675	-30.000	-21.346	0.002	0.002	
70	-30.000	-24.294	-30.000	-26.572	-30.000	-26.572	-30.000	-24.294	0.002	0.002	
75	-30.000	-24.683	-30.000	-27.311	-30.000	-27.311	-30.000	-24.683	0.002	0.002	
80	-30.000	-17.657	-30.000	-25.340	-30.000	-25.340	-30.000	-17.657	0.002	0.002	
85	-30.000	-21.472	-30.000	-26.661	-30.000	-26.661	-30.000	-21.472	0.002	0.002	
90	-30.000	-16.769	-30.000	-19.167	-30.000	-19.167	-30.000	-16.769	0.002	0.002	
95	-30.000	-32.870	-30.000	-19.728	-30.000	-19.728	-30.000	-32.870	0.002	0.002	
100	-30.000	-33.877	-30.000	-20.422	-30.000	-20.422	-30.000	-33.877	0.002	0.002	
105	-30.000	-18.806	-30.000	-16.483	-30.000	-16.483	-30.000	-18.806	0.002	0.002	
110	-30.000	-21.767	-30.000	-29.486	-30.000	-29.486	-30.000	-21.767	0.002	0.002	
115	-30.000	-21.689	-30.000	-16.147	-30.000	-16.147	-30.000	-21.689	0.002	0.002	
120	-30.000	-23.496	-30.000	-31.260	-30.000	-31.260	-30.000	-23.496	0.002	0.002	
125	-30.000	-25.562	-30.000	-18.019	-30.000	-18.019	-30.000	-25.562	0.002	0.002	
130	-30.000	-20.891	-30.000	-19.266	-30.000	-19.266	-30.000	-20.891	0.002	0.002	
135	-30.000	-22.959	-30.000	-18.761	-30.000	-18.761	-30.000	-22.959	0.002	0.002	
140	-30.000	-16.425	-30.000	-17.279	-30.000	-17.279	-30.000	-16.425	0.002	0.002	
145	-30.000	-21.662	-30.000	-15.832	-30.000	-15.832	-30.000	-21.662	0.002	0.002	
150	-30.000	-16.652	-30.000	-15.945	-30.000	-15.945	-30.000	-16.652	0.002	0.002	
155	-30.000	-20.276	-30.000	-19.497	-30.000	-19.497	-30.000	-20.276	0.002	0.002	
160	-30.000	-19.007	-30.000	-21.101	-30.000	-21.101	-30.000	-19.007	0.002	0.002	
165	-30.000	-19.710	-30.000	-16.027	-30.000	-16.027	-30.000	-19.710	0.002	0.002	
170	-30.000	-23.063	-30.000	-15.006	-30.000	-15.006	-30.000	-23.063	0.002	0.002	
175	-30.000	-22.394	-30.000	-16.459	-30.000	-16.459	-30.000	-22.394	0.002	0.002	
180	-30.000	-21.902	-30.000	-20.013	-30.000	-20.013	-30.000	-21.902	0.002	0.002	
TRP Factor=1dB											

	100MHz-16QAM-High-64RB0										
	EIRP										TRP
	Y-Axis (EUT)				Z-Axis (EUT)				Y-Axis (EUT)	Z-Axis (EUT)	
	V-Pol.		H-Pol.		V-Pol.		H-Pol.				dBm
angle(°)	dBm	antenna Gain (dBi)	dBm	antenna Gain (dBi)	dBm	antenna Gain (dBi)	dBm	antenna Gain (dBi)	mw	mw	**-18.890**
-180	-30.000	-21.902	-30.000	-20.013	-30.000	-20.013	-30.000	-21.902	0.002	0.002	
-175	-30.000	-21.140	-30.000	-21.754	-30.000	-21.754	-30.000	-21.140	0.002	0.002	
-170	-30.000	-24.638	-30.000	-22.157	-30.000	-22.157	-30.000	-24.638	0.002	0.002	
-165	-30.000	-23.089	-30.000	-22.463	-30.000	-22.463	-30.000	-23.089	0.002	0.002	
-160	-30.000	-24.855	-30.000	-22.421	-30.000	-22.421	-30.000	-24.855	0.002	0.002	
-155	-30.000	-27.689	-30.000	-21.232	-30.000	-21.232	-30.000	-27.689	0.002	0.002	
-150	-30.000	-41.898	-30.000	-21.690	-30.000	-21.690	-30.000	-41.898	0.002	0.002	
-145	-30.000	-32.101	-30.000	-18.910	-30.000	-18.910	-30.000	-32.101	0.002	0.002	
-140	-30.000	-32.776	-30.000	-18.307	-30.000	-18.307	-30.000	-32.776	0.002	0.002	
-135	-30.000	-24.242	-30.000	-23.701	-30.000	-23.701	-30.000	-24.242	0.002	0.002	
-130	-30.000	-27.195	-30.000	-19.394	-30.000	-19.394	-30.000	-27.195	0.002	0.002	
-125	-30.000	-20.246	-30.000	-19.215	-30.000	-19.215	-30.000	-20.246	0.002	0.002	
-120	-30.000	-35.726	-30.000	-17.521	-30.000	-17.521	-30.000	-35.726	0.002	0.002	
-115	-30.000	-20.574	-30.000	-24.992	-30.000	-24.992	-30.000	-20.574	0.002	0.002	
-110	-30.000	-18.043	-30.000	-26.089	-30.000	-26.089	-30.000	-18.043	0.002	0.002	
-105	-30.000	-14.854	-30.000	-22.068	-30.000	-22.068	-30.000	-14.854	0.002	0.002	
-100	-30.000	-13.146	-30.000	-18.181	-30.000	-18.181	-30.000	-13.146	0.002	0.002	
-95	-30.000	-8.645	-30.000	-16.362	-30.000	-16.362	-30.000	-8.645	0.002	0.002	
-90	-30.000	-6.574	-30.000	-14.499	-30.000	-14.499	-30.000	-6.574	0.002	0.002	
-85	-30.000	-5.374	-30.000	-11.867	-30.000	-11.867	-30.000	-5.374	0.002	0.002	
-80	-30.000	-5.018	-30.000	-10.192	-30.000	-10.192	-30.000	-5.018	0.002	0.002	
-75	-30.000	-4.724	-30.000	-8.071	-30.000	-8.071	-30.000	-4.724	0.002	0.002	
-70	-30.000	-6.827	-30.000	-8.783	-30.000	-8.783	-30.000	-6.827	0.002	0.002	
-65	-30.000	-5.432	-30.000	-8.996	-30.000	-8.996	-30.000	-5.432	0.002	0.002	
-60	-30.000	-10.484	-30.000	-9.791	-30.000	-9.791	-30.000	-10.484	0.002	0.002	
-55	-30.000	-5.174	-30.000	-10.874	-30.000	-10.874	-30.000	-5.174	0.002	0.002	
-50	-30.000	-11.299	-30.000	-8.372	-30.000	-8.372	-30.000	-11.299	0.002	0.002	
-45	-30.000	-7.488	-30.000	-19.596	-30.000	-19.596	-30.000	-7.488	0.002	0.002	
-40	-30.000	-8.999	-30.000	-6.994	-30.000	-6.994	-30.000	-8.999	0.002	0.002	
-35	-30.000	-13.994	-30.000	-13.062	-30.000	-13.062	-30.000	-13.994	0.002	0.002	
-30	-30.000	-8.364	-30.000	-5.469	-30.000	-5.469	-30.000	-8.364	0.002	0.002	
-25	-30.000	-5.828	-30.000	-9.683	-30.000	-9.683	-30.000	-5.828	0.002	0.002	
-20	-27.035	-1.714	-28.636	-1.148	-30.000	-1.148	-30.000	-1.714	0.003	0.002	
-15	-29.719	-4.399	-30.000	-10.770	-30.000	-10.770	-30.000	-4.399	0.002	0.002	
-10	-26.346	-1.025	-28.492	-1.004	-30.000	-1.004	-30.000	-1.025	0.004	0.002	
-5	-10.309	15.011	-13.103	14.385	-18.283	14.385	-16.549	15.011	0.142	0.037	
0	-3.310	22.010	-5.670	21.818	-10.850	21.818	-9.550	22.010	0.738	0.193	

5	-12.528	12.792	-16.440	11.048	-21.620	11.048	-18.768	12.792	0.079	0.020	
10	-22.602	2.718	-26.927	0.561	-30.000	0.561	-28.842	2.718	0.008	0.002	
15	-30.000	-9.029	-30.000	-20.555	-30.000	-20.555	-30.000	-9.029	0.002	0.002	
20	-30.000	-9.918	-30.000	-11.649	-30.000	-11.649	-30.000	-9.918	0.002	0.002	
25	-30.000	-14.738	-30.000	-17.560	-30.000	-17.560	-30.000	-14.738	0.002	0.002	
30	-30.000	-15.285	-30.000	-21.795	-30.000	-21.795	-30.000	-15.285	0.002	0.002	
35	-30.000	-5.928	-30.000	-10.756	-30.000	-10.756	-30.000	-5.928	0.002	0.002	
40	-30.000	-9.304	-30.000	-12.823	-30.000	-12.823	-30.000	-9.304	0.002	0.002	
45	-30.000	-11.368	-30.000	-15.194	-30.000	-15.194	-30.000	-11.368	0.002	0.002	
50	-30.000	-18.720	-30.000	-21.990	-30.000	-21.990	-30.000	-18.720	0.002	0.002	
55	-30.000	-14.175	-30.000	-18.829	-30.000	-18.829	-30.000	-14.175	0.002	0.002	
60	-30.000	-14.621	-30.000	-28.614	-30.000	-28.614	-30.000	-14.621	0.002	0.002	
65	-30.000	-21.346	-30.000	-23.675	-30.000	-23.675	-30.000	-21.346	0.002	0.002	
70	-30.000	-24.294	-30.000	-26.572	-30.000	-26.572	-30.000	-24.294	0.002	0.002	
75	-30.000	-24.683	-30.000	-27.311	-30.000	-27.311	-30.000	-24.683	0.002	0.002	
80	-30.000	-17.657	-30.000	-25.340	-30.000	-25.340	-30.000	-17.657	0.002	0.002	
85	-30.000	-21.472	-30.000	-26.661	-30.000	-26.661	-30.000	-21.472	0.002	0.002	
90	-30.000	-16.769	-30.000	-19.167	-30.000	-19.167	-30.000	-16.769	0.002	0.002	
95	-30.000	-32.870	-30.000	-19.728	-30.000	-19.728	-30.000	-32.870	0.002	0.002	
100	-30.000	-33.877	-30.000	-20.422	-30.000	-20.422	-30.000	-33.877	0.002	0.002	
105	-30.000	-18.806	-30.000	-16.483	-30.000	-16.483	-30.000	-18.806	0.002	0.002	
110	-30.000	-21.767	-30.000	-29.486	-30.000	-29.486	-30.000	-21.767	0.002	0.002	
115	-30.000	-21.689	-30.000	-16.147	-30.000	-16.147	-30.000	-21.689	0.002	0.002	
120	-30.000	-23.496	-30.000	-31.260	-30.000	-31.260	-30.000	-23.496	0.002	0.002	
125	-30.000	-25.562	-30.000	-18.019	-30.000	-18.019	-30.000	-25.562	0.002	0.002	
130	-30.000	-20.891	-30.000	-19.266	-30.000	-19.266	-30.000	-20.891	0.002	0.002	
135	-30.000	-22.959	-30.000	-18.761	-30.000	-18.761	-30.000	-22.959	0.002	0.002	
140	-30.000	-16.425	-30.000	-17.279	-30.000	-17.279	-30.000	-16.425	0.002	0.002	
145	-30.000	-21.662	-30.000	-15.832	-30.000	-15.832	-30.000	-21.662	0.002	0.002	
150	-30.000	-16.652	-30.000	-15.945	-30.000	-15.945	-30.000	-16.652	0.002	0.002	
155	-30.000	-20.276	-30.000	-19.497	-30.000	-19.497	-30.000	-20.276	0.002	0.002	
160	-30.000	-19.007	-30.000	-21.101	-30.000	-21.101	-30.000	-19.007	0.002	0.002	
165	-30.000	-19.710	-30.000	-16.027	-30.000	-16.027	-30.000	-19.710	0.002	0.002	
170	-30.000	-23.063	-30.000	-15.006	-30.000	-15.006	-30.000	-23.063	0.002	0.002	
175	-30.000	-22.394	-30.000	-16.459	-30.000	-16.459	-30.000	-22.394	0.002	0.002	
180	-30.000	-21.902	-30.000	-20.013	-30.000	-20.013	-30.000	-21.902	0.002	0.002	
TRP Factor=1dB											

Note：

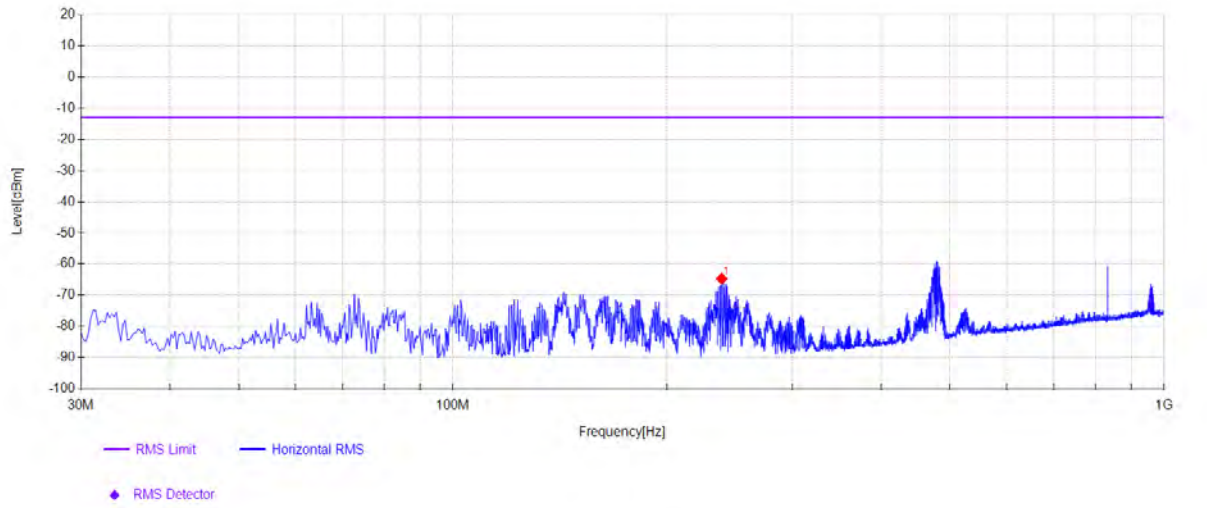
1) According to the EIRP test results, validate the TRP test on the EIRP Worse Margin result.
2) The laboratory tested the EIRP of the maximum gain value angle and calculated the EIRP value for each angle based on the antenna gain value provided by the manufacturer.
3) The laboratory test showed a baseline noise of -30dBm, and the calculated result value was compared to the baseline noise, using a larger result value.

4. Spurious Radiation

30M-1G

1.1. Test Band = 5G NR FR2 n258a BW 100M_ TM1

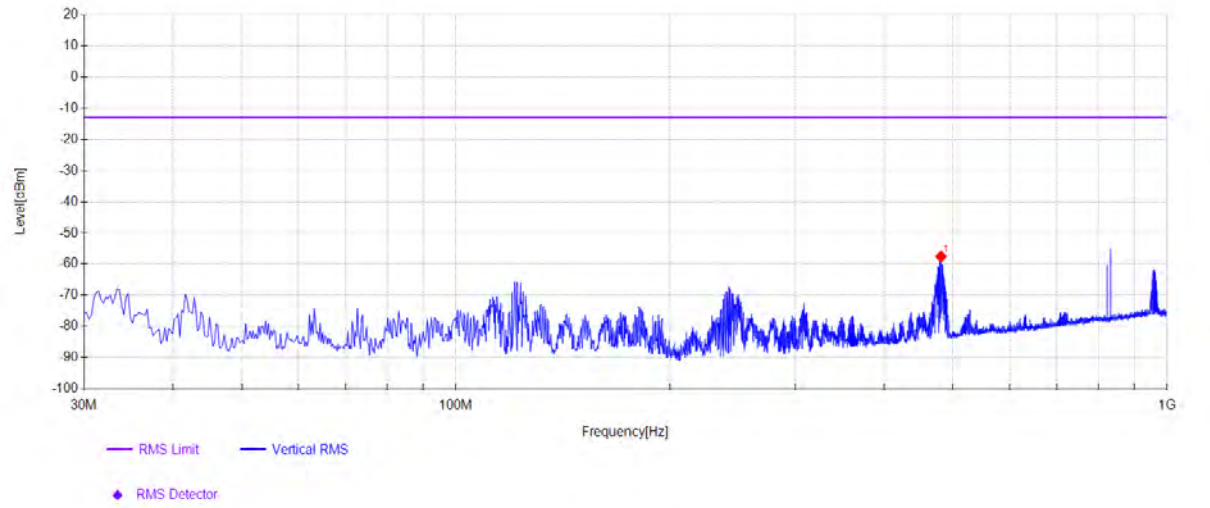
1.1.1. Test Channel = Mid



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	238.7925	52.31	-32.91	11.20	-64.66	-13.00	51.66	Horizontal

1.2. Test Band = 5G NR FR2 n258a BW 100M_ TM1

1.2.1. Test Channel = Mid

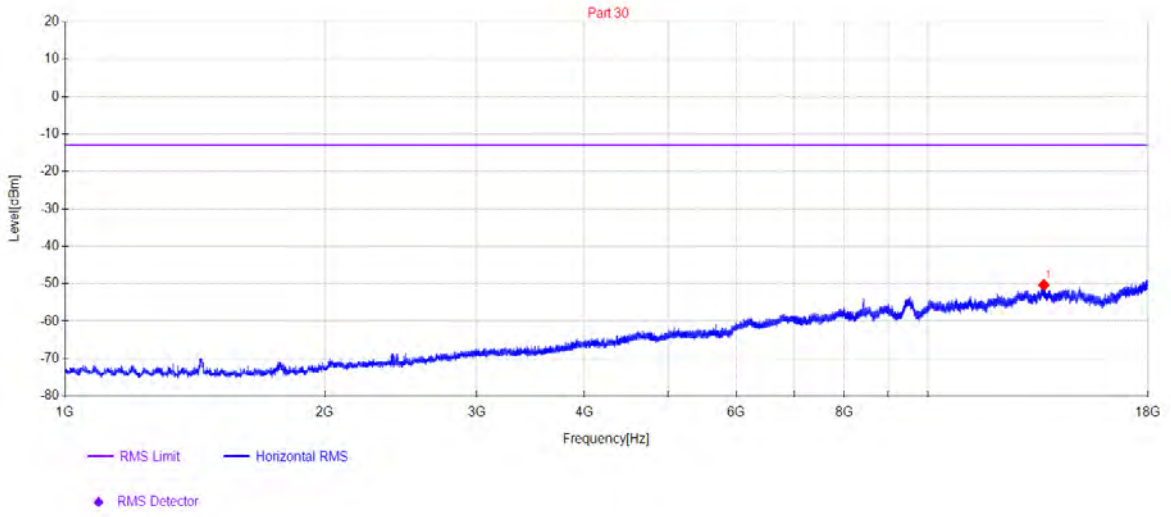


Data List								
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	481.05	53.23	-31.86	16.31	-57.59	-13.00	44.59	Vertical

1G-18G

1.3. Test Band = 5G NR FR2 n258a BW 100M_ TM1

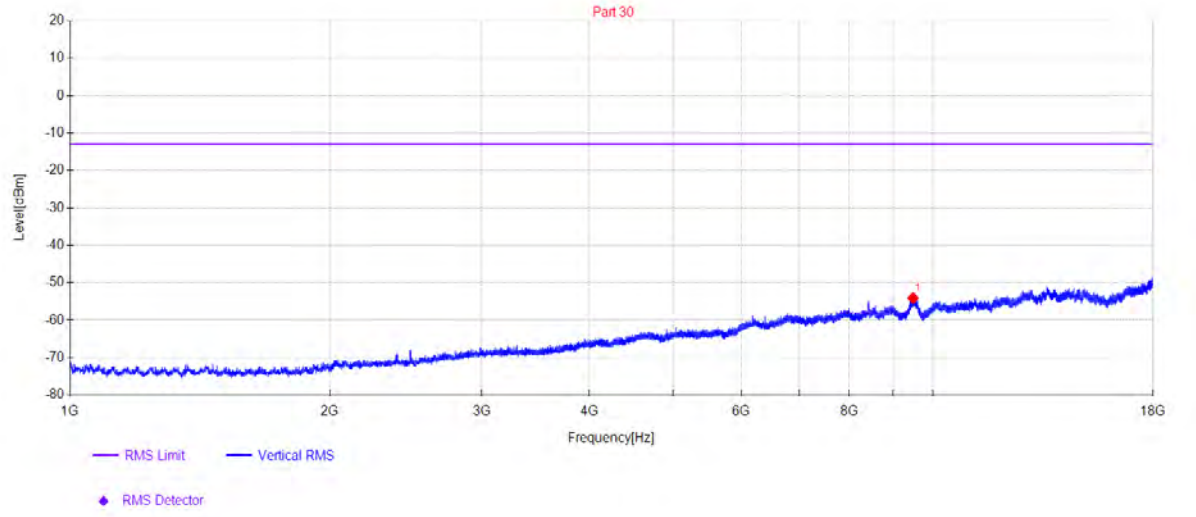
1.3.1. Test Channel = Mid



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	13627.0333	33.87	-28.99	40.04	-50.34	-13.00	37.34	Horizontal

1.4. Test Band = 5G NR FR2 n258a BW 100M_ TM1

1.4.1. Test Channel = Mid

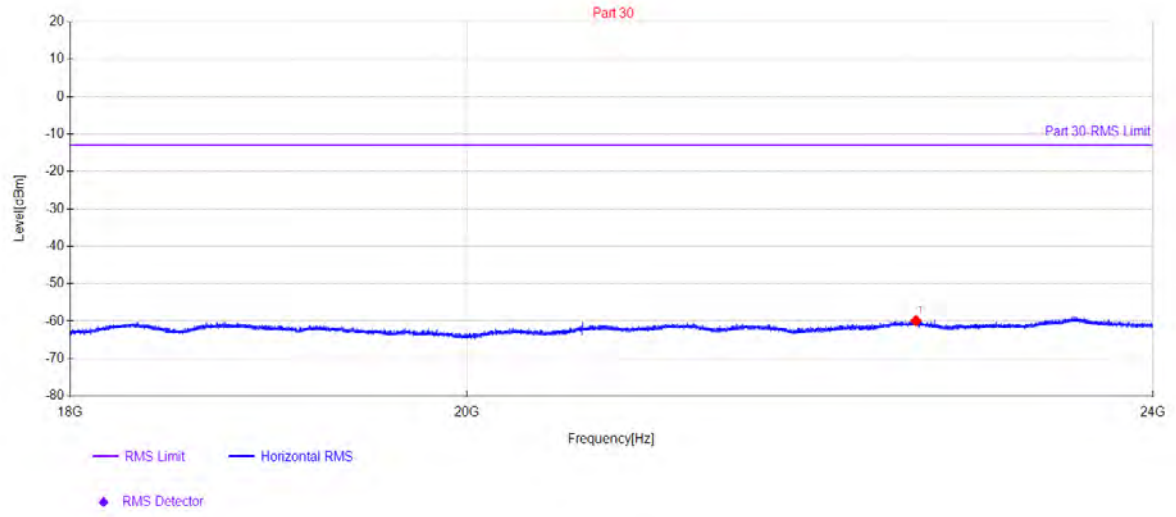


Data List								
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	9486.4	36.85	-33.50	37.75	-54.16	-13.00	41.16	Vertical

18-42G

1.5. Test Band = 5G NR FR2 n258a BW 100M_ TM1

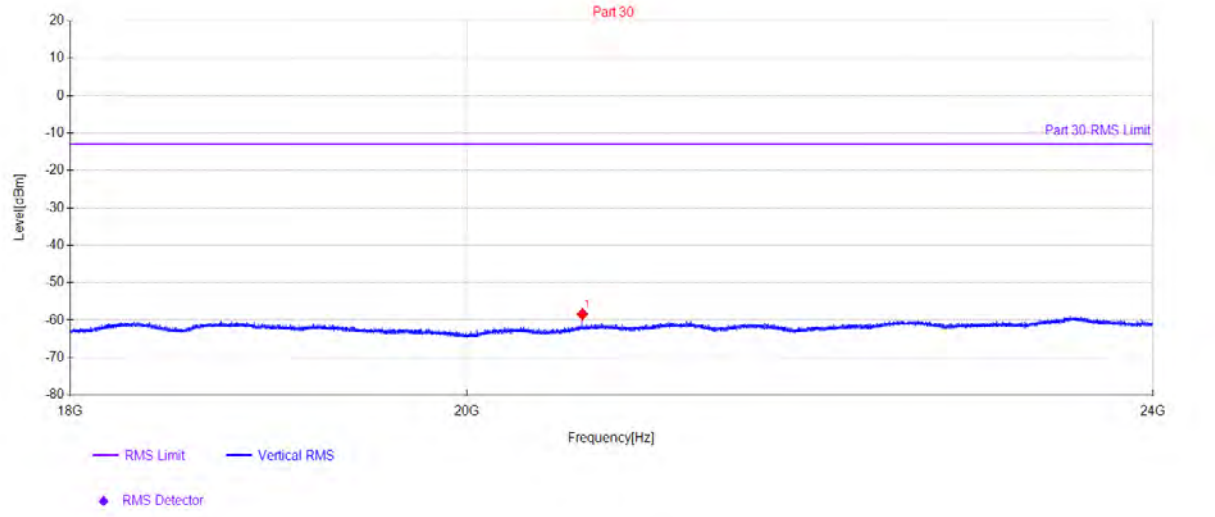
1.5.1. Test Channel = Low



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	22535	37.43	-40.11	38.03	-59.91	-13.00	46.91	Horizontal

1.6. Test Band = 5G NR FR2 n258a BW 100M_ TM1

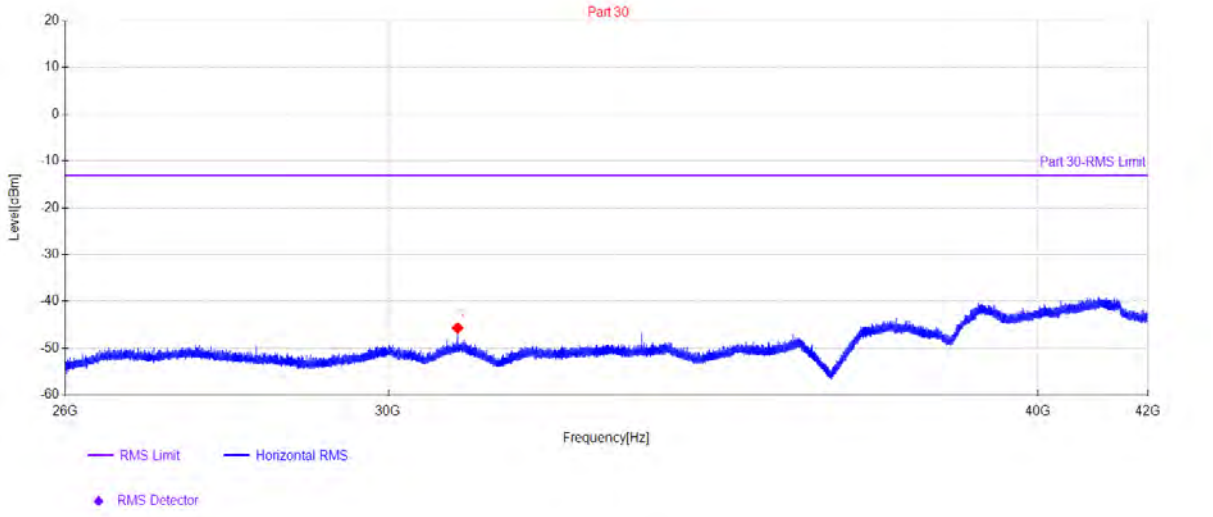
1.6.1. Test Channel = Low



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	20624.5	41.13	-41.89	37.60	-58.42	-13.00	45.42	Vertical

1.7. Test Band = 5G NR FR2 n258a BW 100M_ TM1

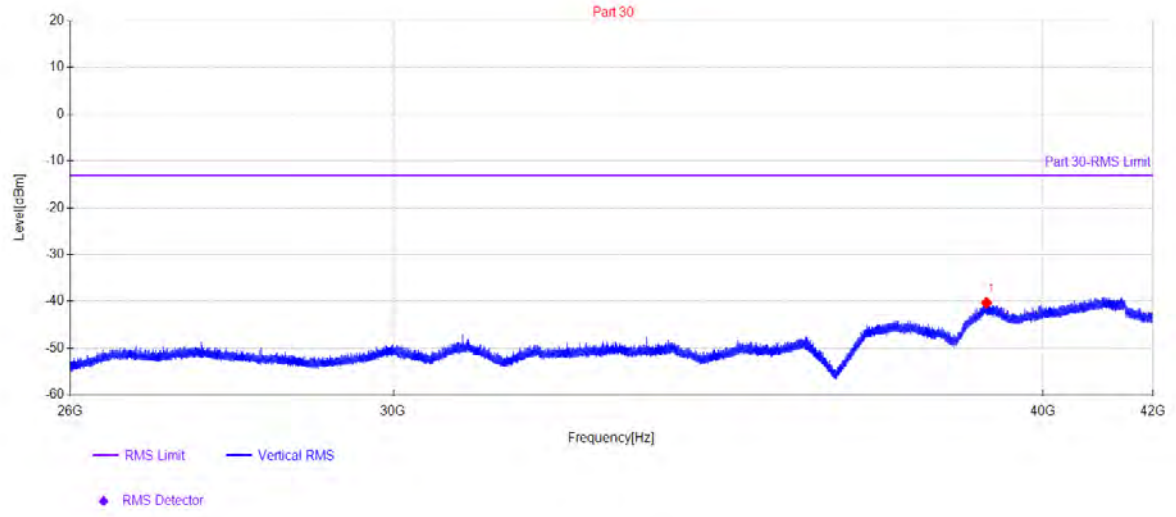
1.7.1. Test Channel = Low



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	30936.4	50.27	-40.42	39.67	-45.74	-13.00	32.74	Horizontal

1.8. Test Band = 5G NR FR2 n258a BW 100M_ TM1

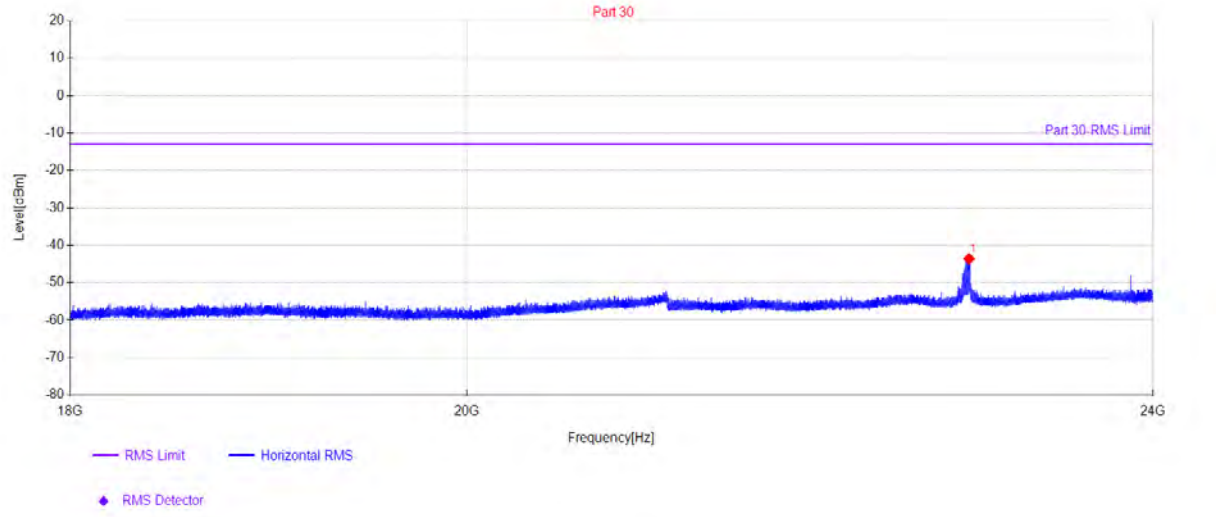
1.8.1. Test Channel = Low



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	39014.8	49.74	-38.00	43.19	-40.33	-13.00	27.33	Vertical

1.9. Test Band = 5G NR FR2 n258a BW 100M_ TM1

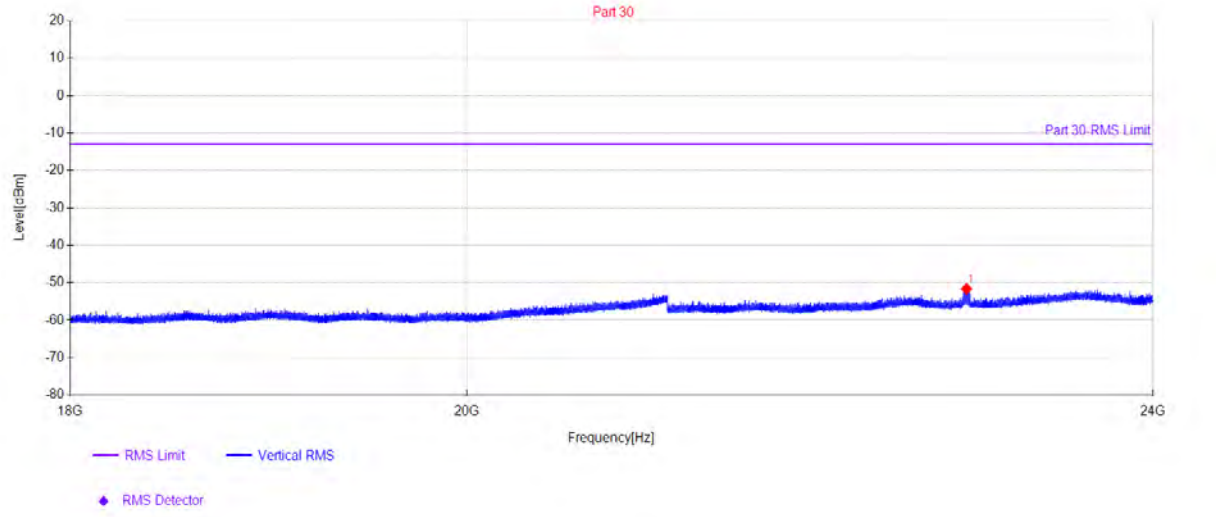
1.9.1. Test Channel = Mid



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	22855.2	54.10	-40.77	38.28	-43.65	-13.00	30.65	Horizontal

1.10. Test Band = 5G NR FR2 n258a BW 100M_ TM1

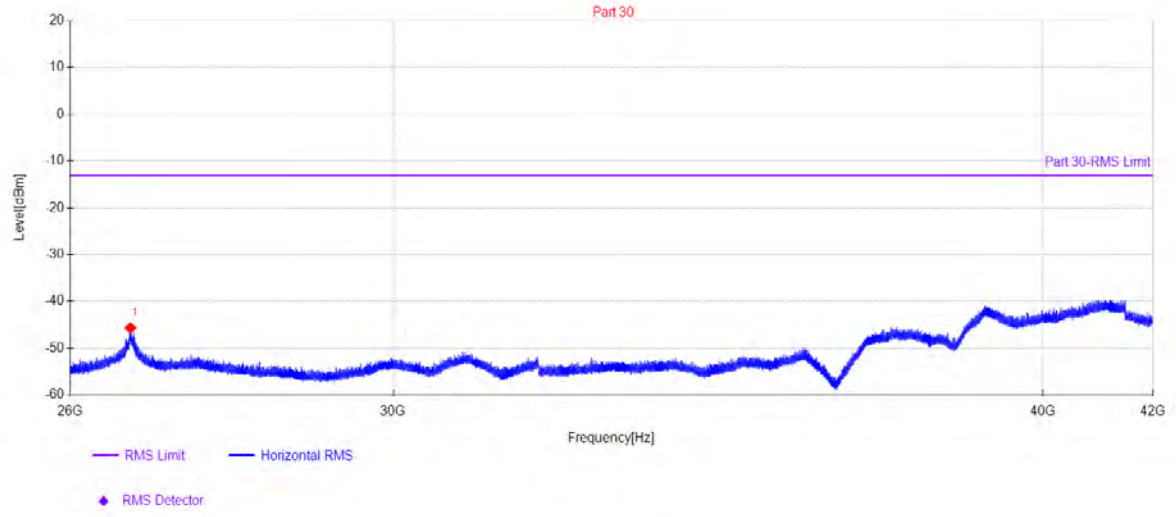
1.10.1. Test Channel = Mid



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	22839.9	46.05	-40.74	38.27	-51.68	-13.00	38.68	Vertical

1.11. Test Band = 5G NR FR2 n258a BW 100M_ TM1

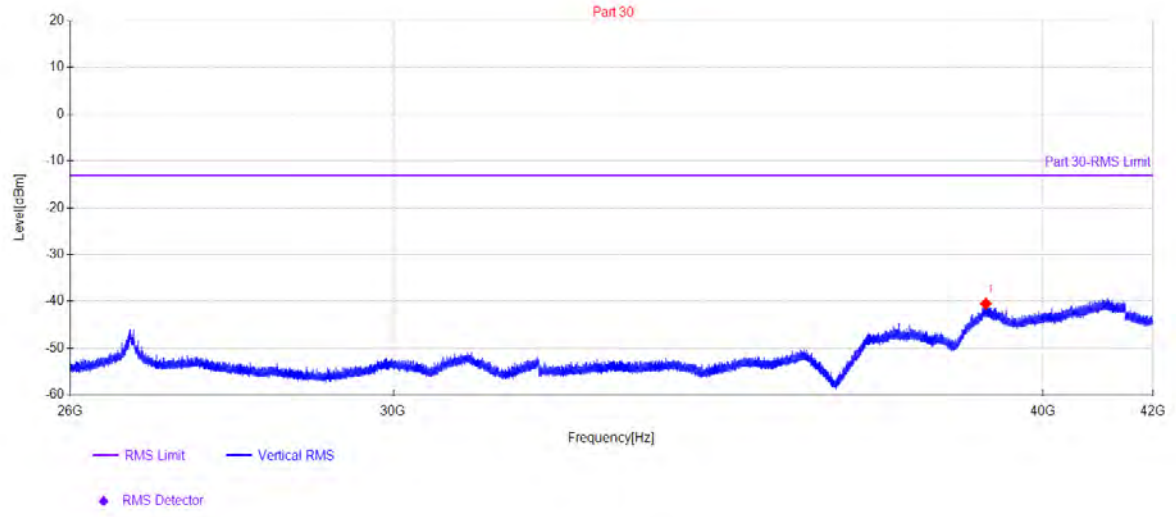
1.11.1. Test Channel = Mid



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	26704.8	48.93	-38.71	39.33	-45.71	-13.00	32.71	Horizontal

1.12. Test Band = 5G NR FR2 n258a BW 100M_ TM1

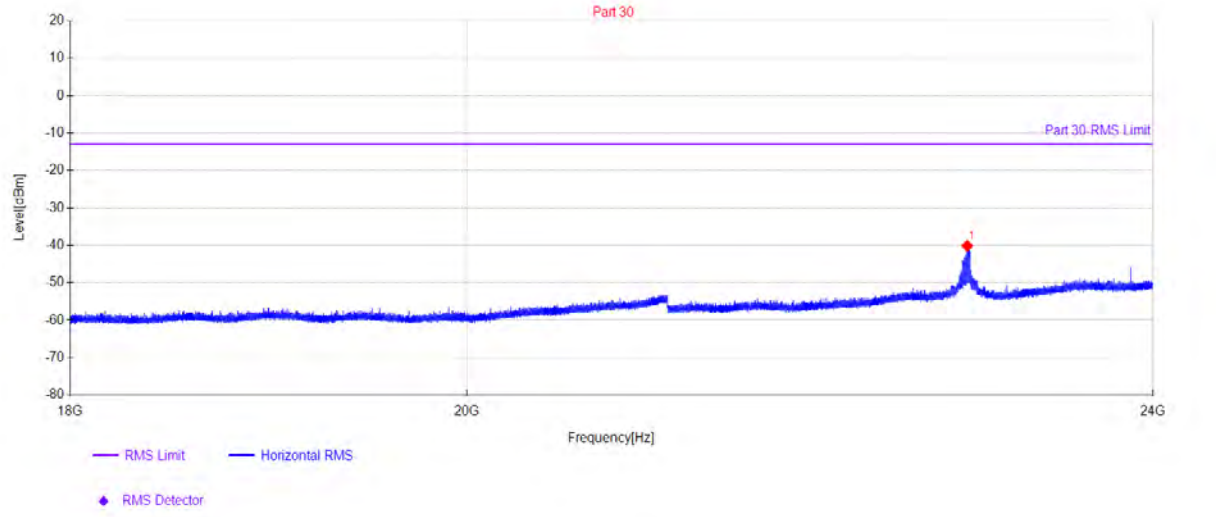
1.12.1. Test Channel = Mid



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	39000.8	49.47	-37.93	43.20	-40.52	-13.00	27.52	Vertical

1.13. Test Band = 5G NR FR2 n258a BW 100M_ TM1

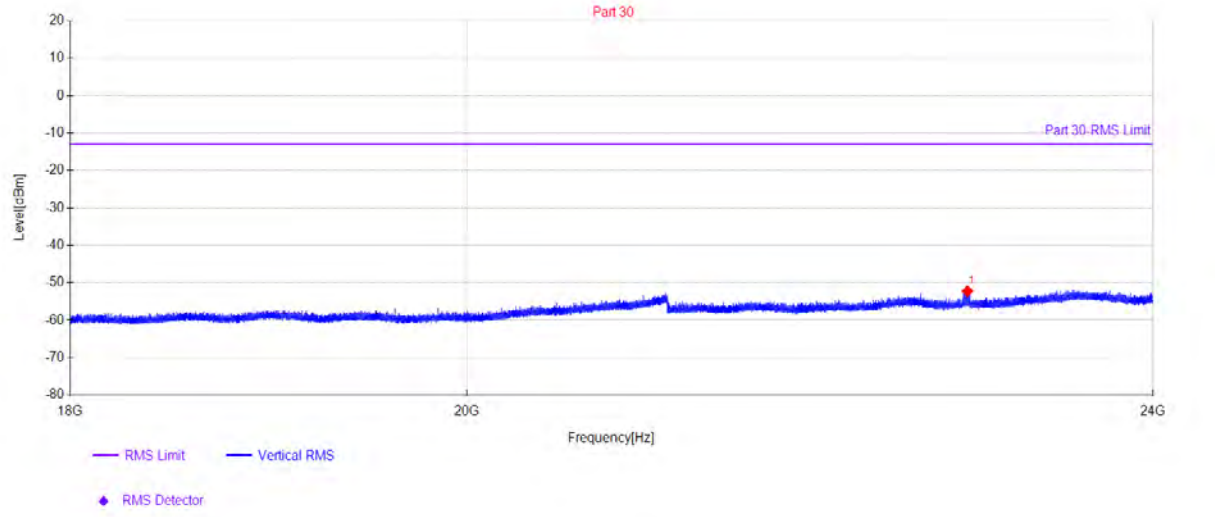
1.13.1. Test Channel = High



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	22843.95	57.59	-40.75	38.28	-40.14	-13.00	27.14	Horizontal

1.14. Test Band = 5G NR FR2 n258a BW 100M_ TM1

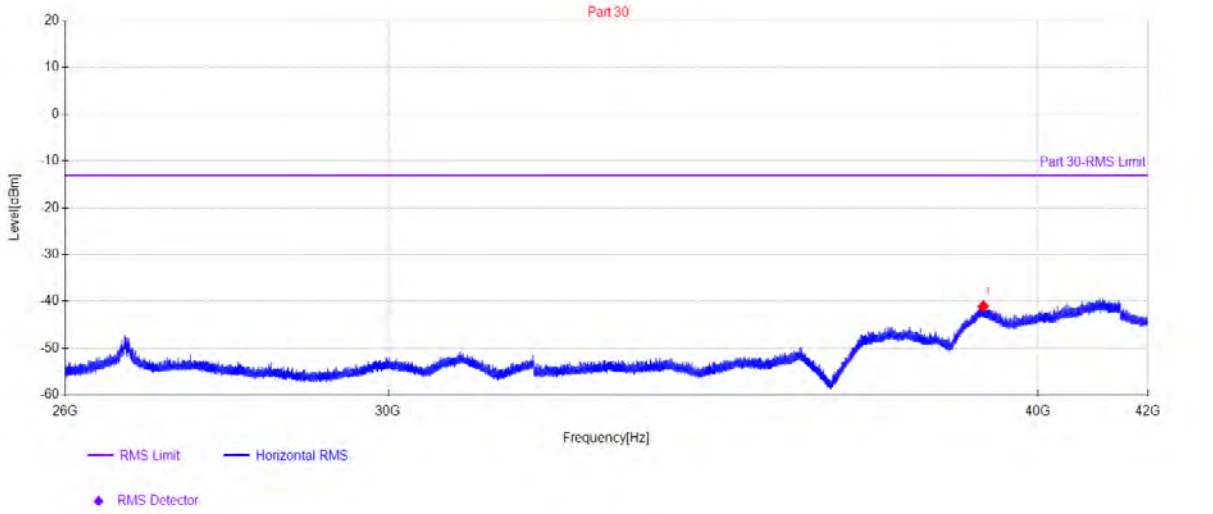
1.14.1. Test Channel = High



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	22845	45.45	-40.75	38.28	-52.28	-13.00	39.28	Vertical

1.15. Test Band = 5G NR FR2 n258a BW 100M_ TM1

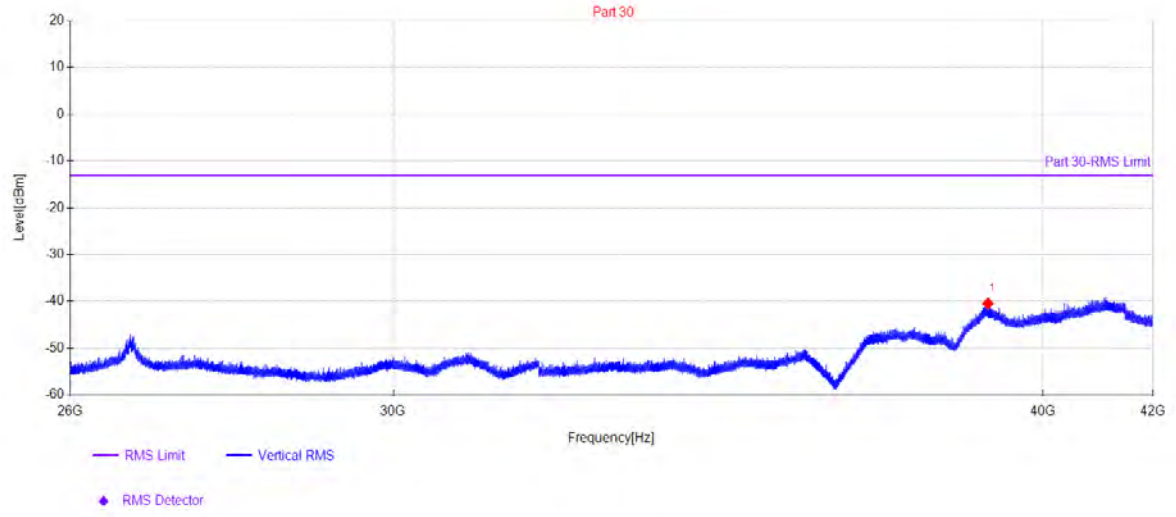
1.15.1. Test Channel = High



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	39043.2	49.14	-38.12	43.17	-41.08	-13.00	28.08	Horizontal

1.16. Test Band = 5G NR FR2 n258a BW 100M_ TM1

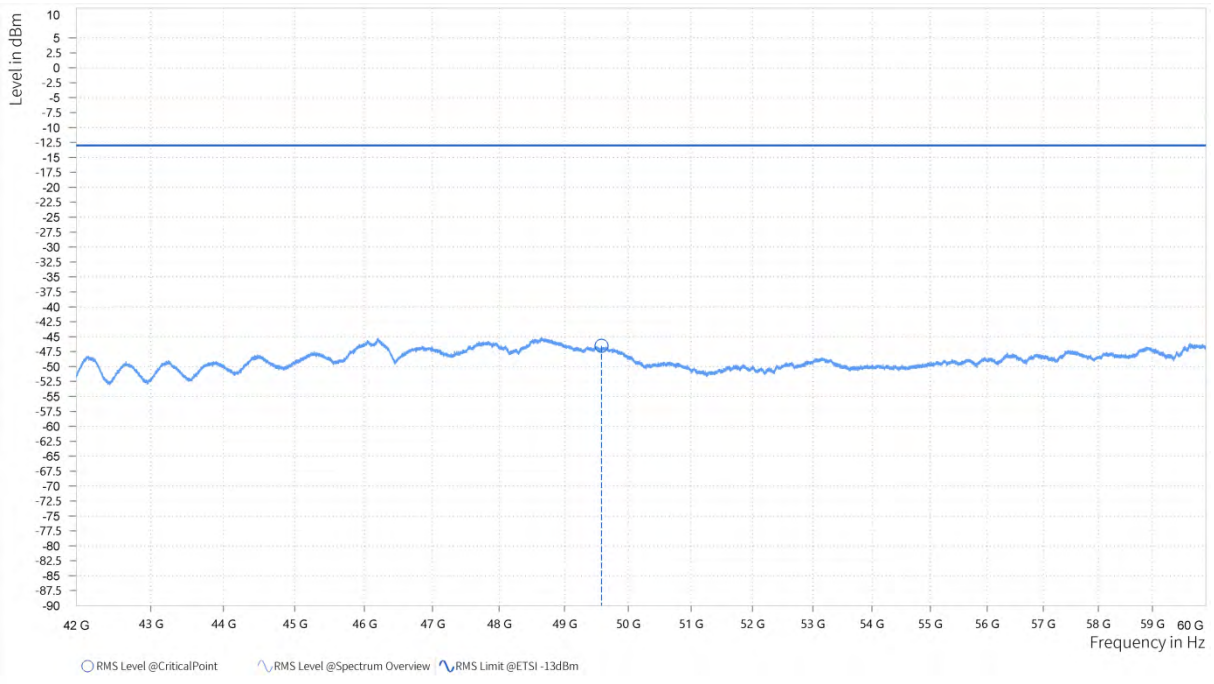
1.16.1. Test Channel = High



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	39038	49.72	-38.10	43.17	-40.47	-13.00	27.47	Vertical

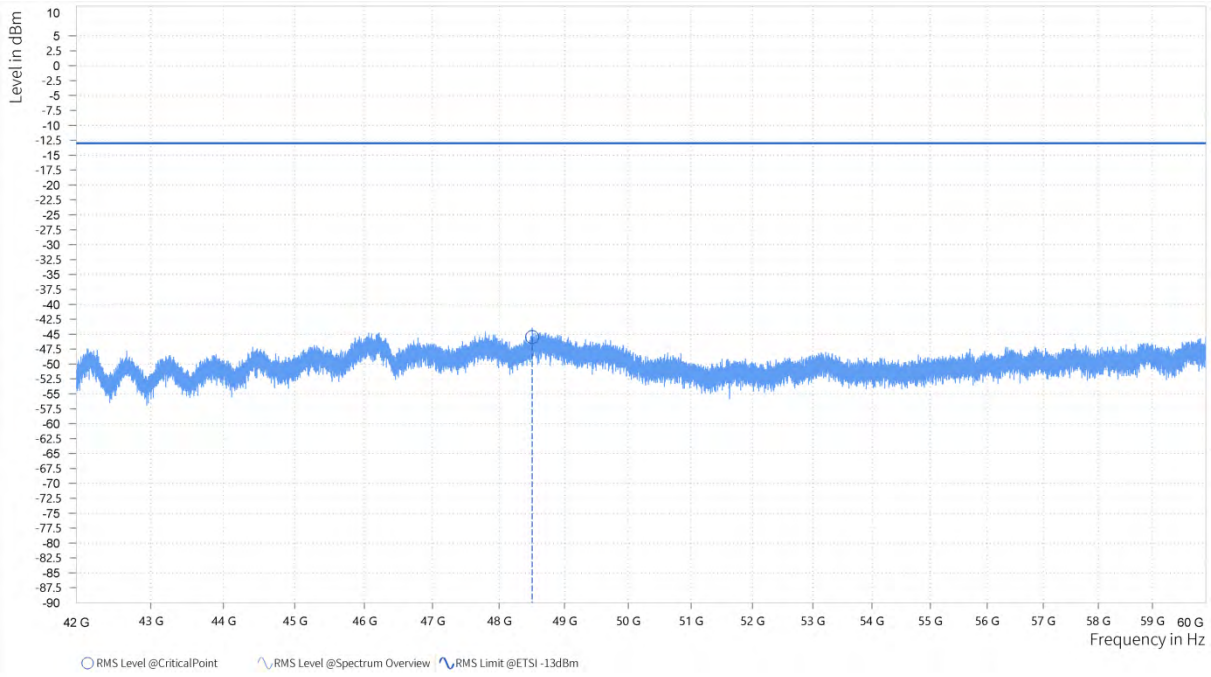
42G~140G

FR2 n258a-Low 42-60G BW 100M



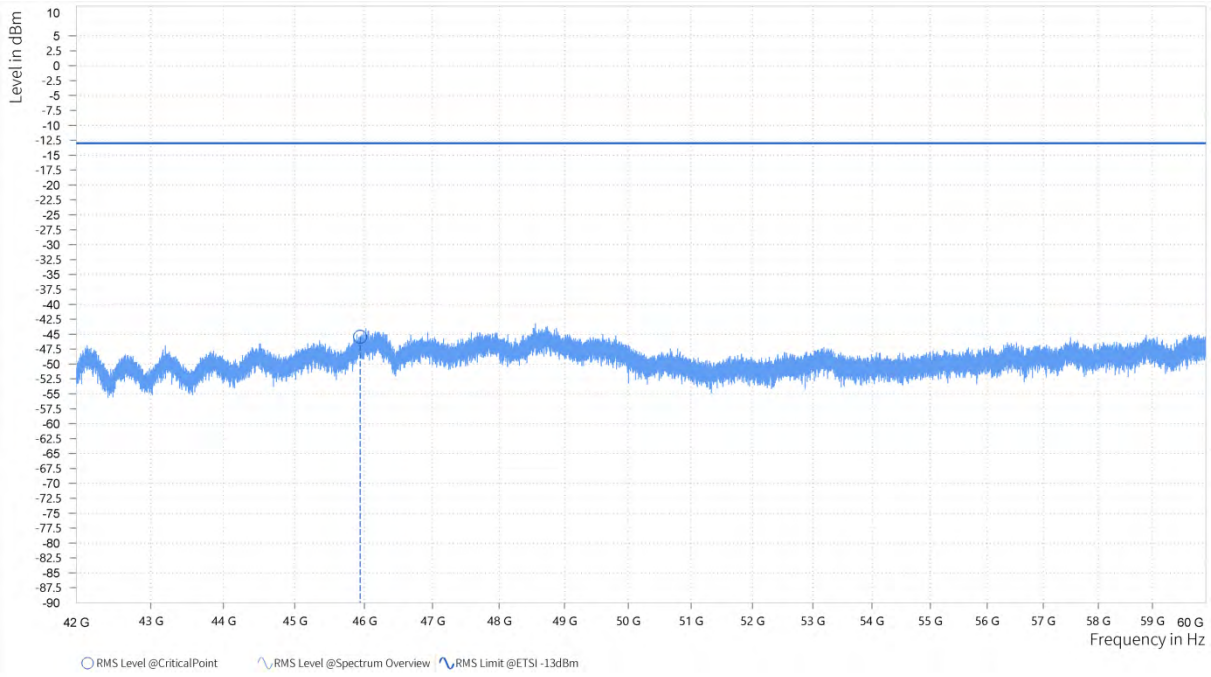
Rg	Frequency [MHz]	RMS Level [dBm]	RMS Limit [dBm]	RMS Margin [dB]	Polarization
1	49,578.500	-46.55	-13.00	33.55	H

FR2 n258a-Low 42-60G BW 100M



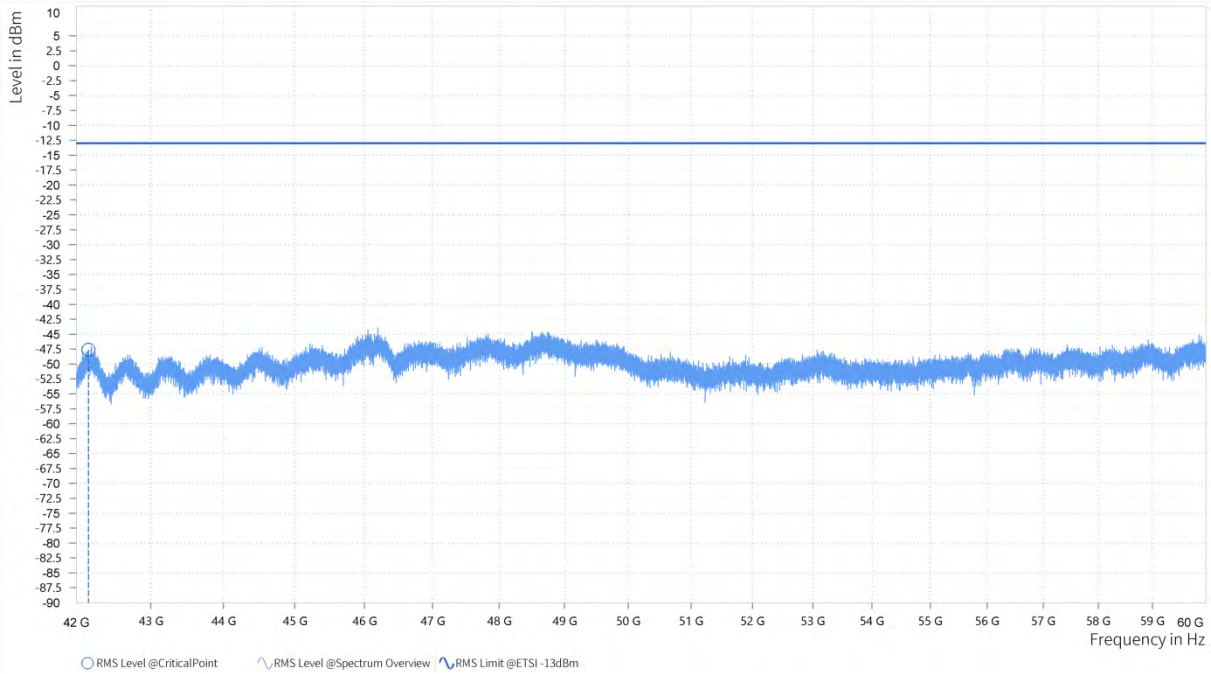
Rg	Frequency [MHz]	RMS Level [dBm]	RMS Limit [dBm]	RMS Margin [dB]	Polarization
1	48,502.500	-45.46	-13.00	32.46	V

FR2 n258a-Mid 42-60G BW 100M



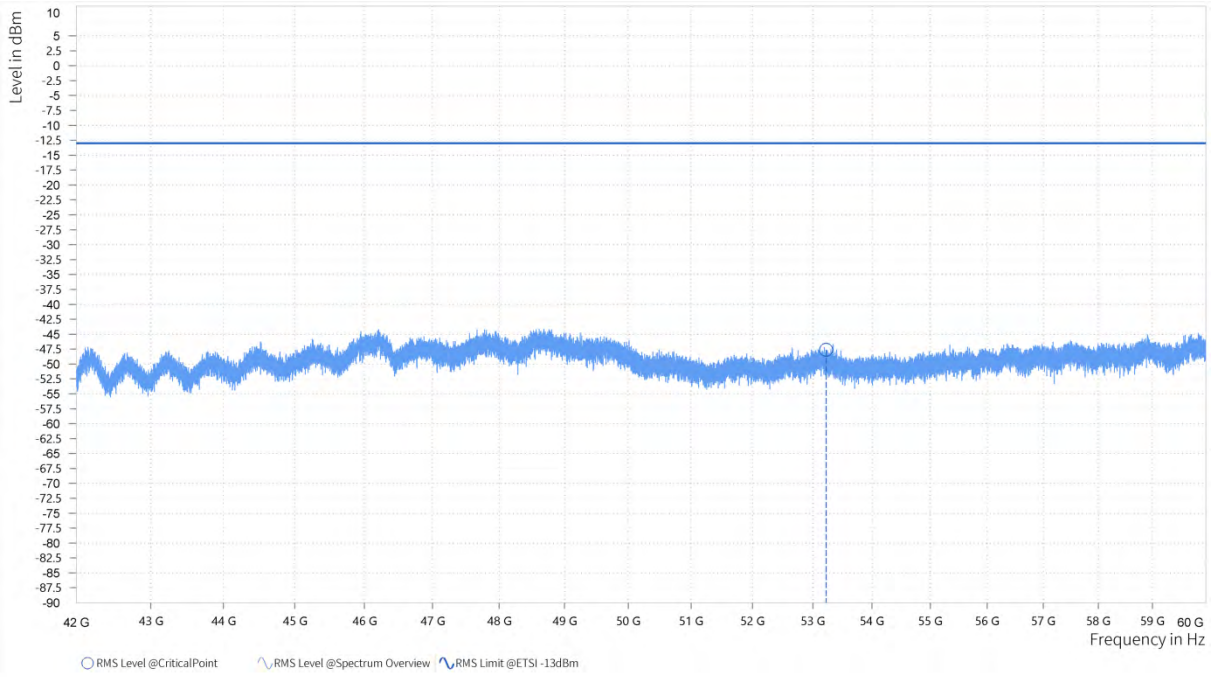
Rg	Frequency [MHz]	RMS Level [dBm]	RMS Limit [dBm]	RMS Margin [dB]	Polarization
1	45,940.000	-45.42	-13.00	32.42	H

FR2 n258a-Mid 42-60G BW 100M



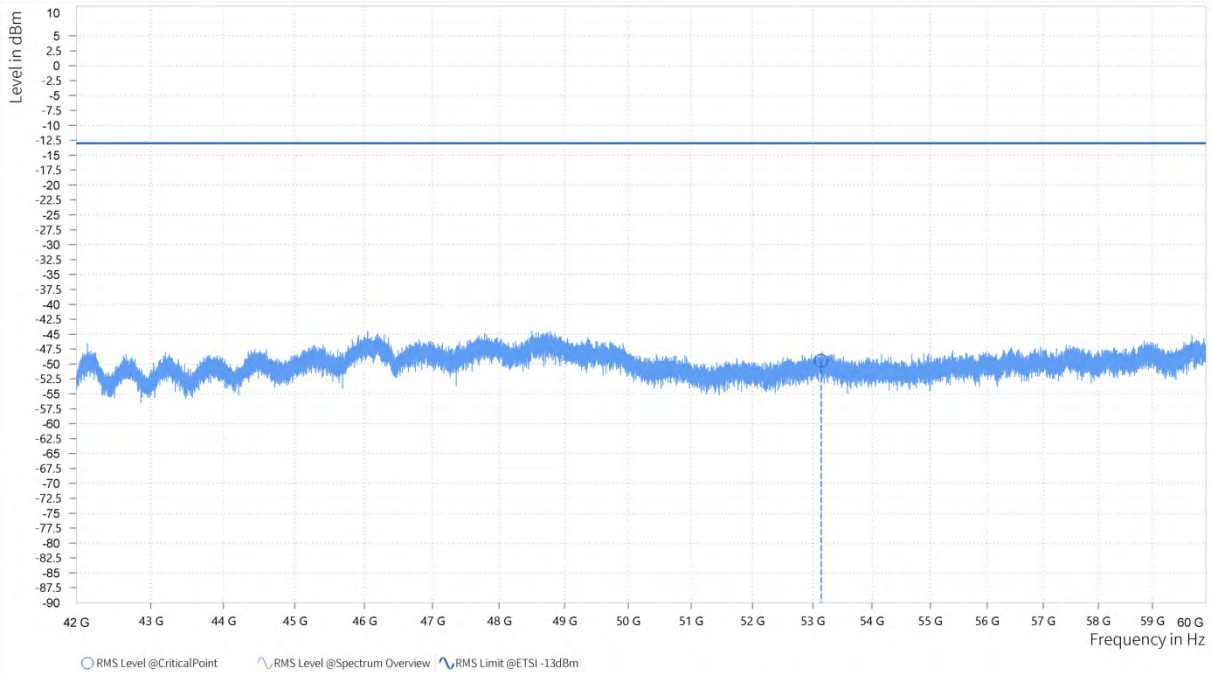
Rg	Frequency [MHz]	RMS Level [dBm]	RMS Limit [dBm]	RMS Margin [dB]	Polarization
1	42,163.500	-47.62	-13.00	34.62	V

FR2 n258a-High 42-60G BW 100M



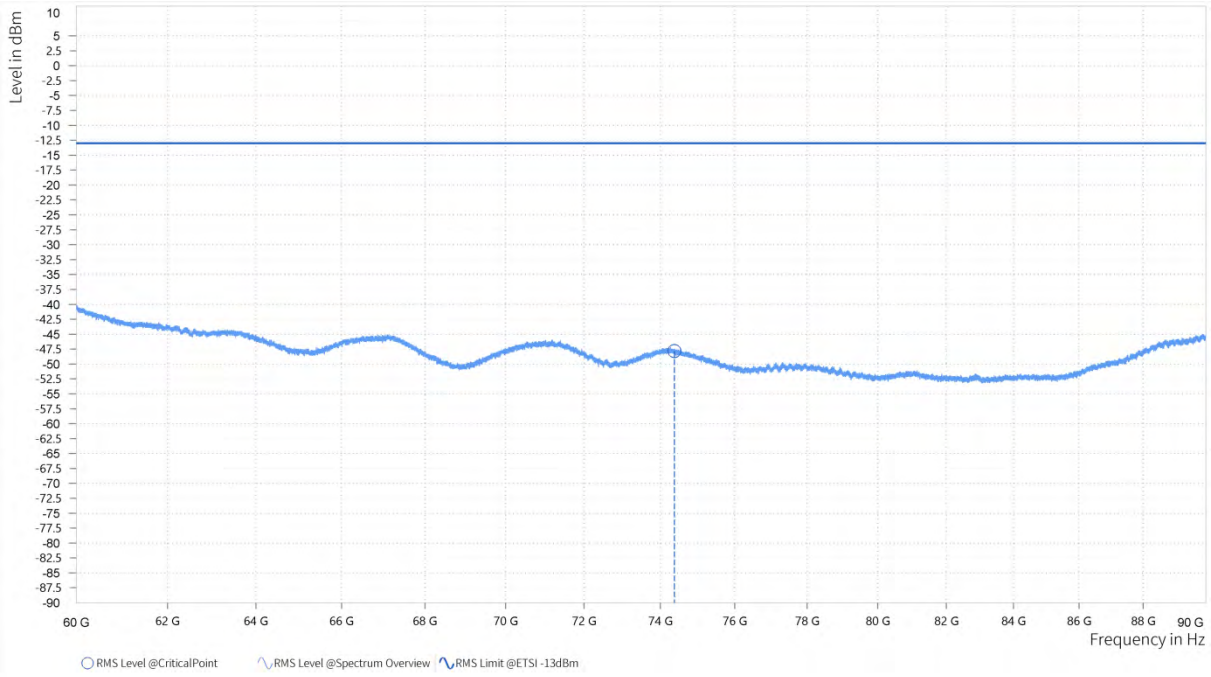
Rg	Frequency [MHz]	RMS Level [dBm]	RMS Limit [dBm]	RMS Margin [dB]	Polarization
1	53,221.000	-47.62	-13.00	34.62	H

FR2 n258a-High 42-60G BW 100M



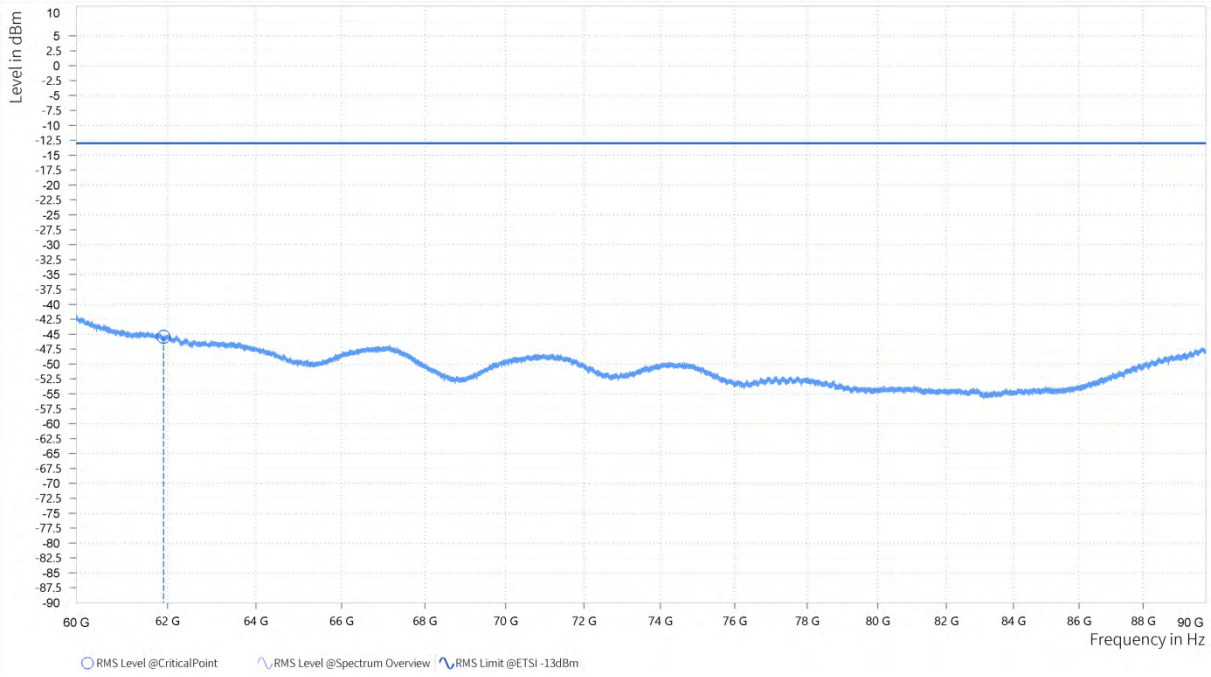
Rg	Frequency [MHz]	RMS Level [dBm]	RMS Limit [dBm]	RMS Margin [dB]	Polarization
1	53,140.000	-49.47	-13.00	36.47	V

FR2 n258a-Low 60-90G BW 100M



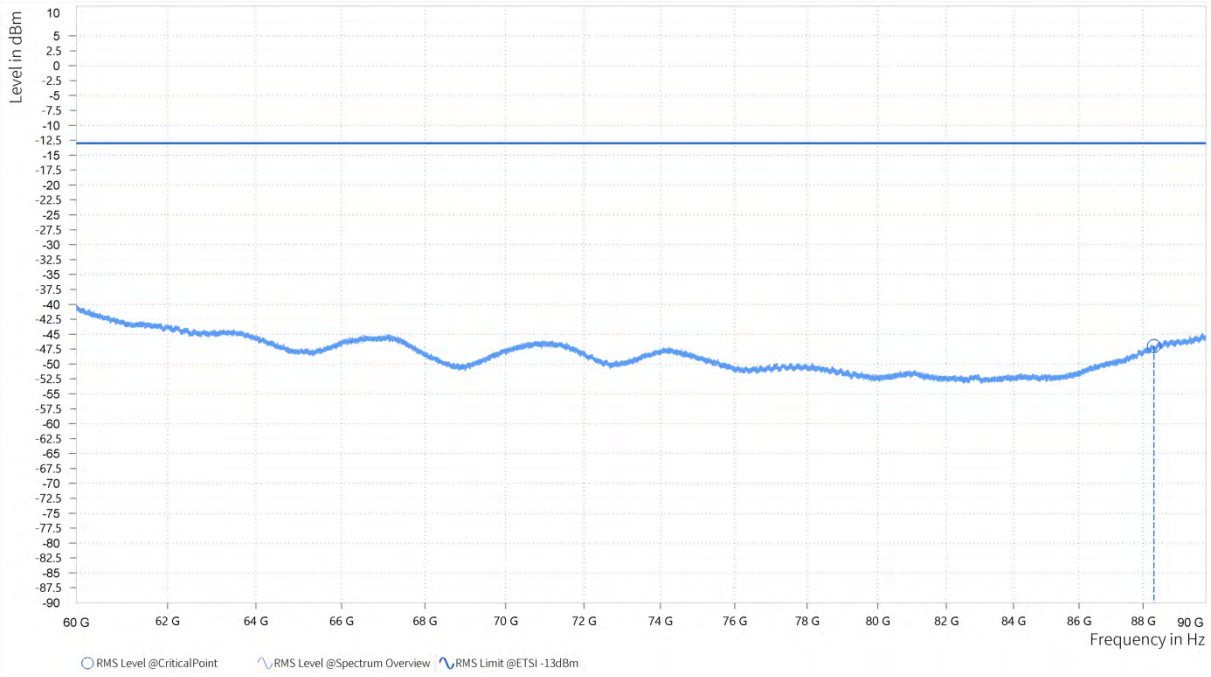
Rg	Frequency [MHz]	RMS Level [dBm]	RMS Limit [dBm]	RMS Margin [dB]	Polarization
1	74,372.500	-47.83	-13.00	34.83	H

FR2 n258a-Low 60-90G BW 100M



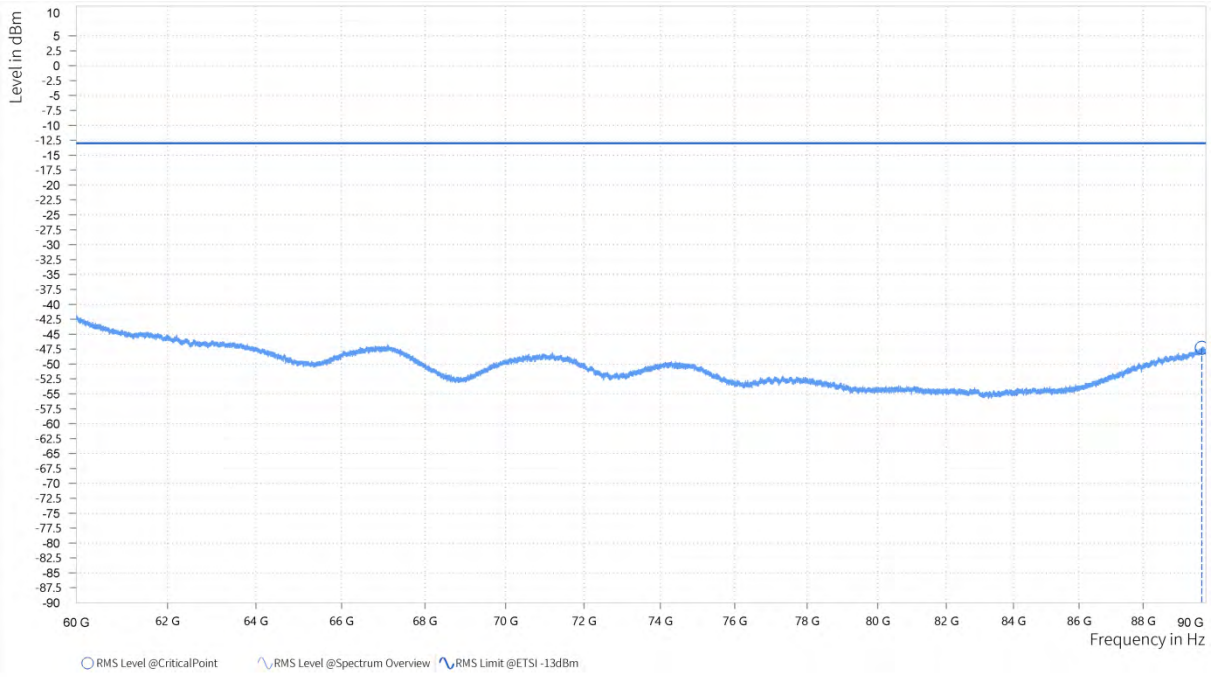
Rg	Frequency [MHz]	RMS Level [dBm]	RMS Limit [dBm]	RMS Margin [dB]	Polarization
1	61,914.000	-45.44	-13.00	32.44	V

FR2 n258a-Mid 60-90G BW 100M



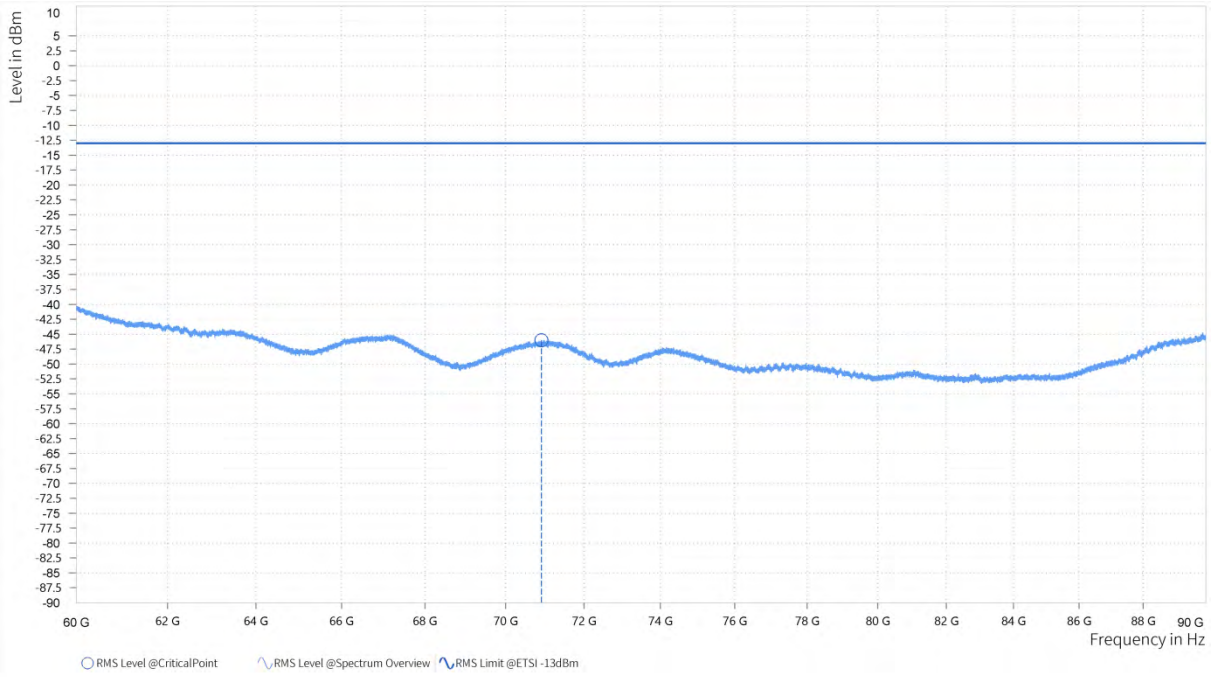
Rg	Frequency [MHz]	RMS Level [dBm]	RMS Limit [dBm]	RMS Margin [dB]	Polarization
1	88,338.000	-46.97	-13.00	33.97	H

FR2 n258a-Mid 60-90G BW 100M



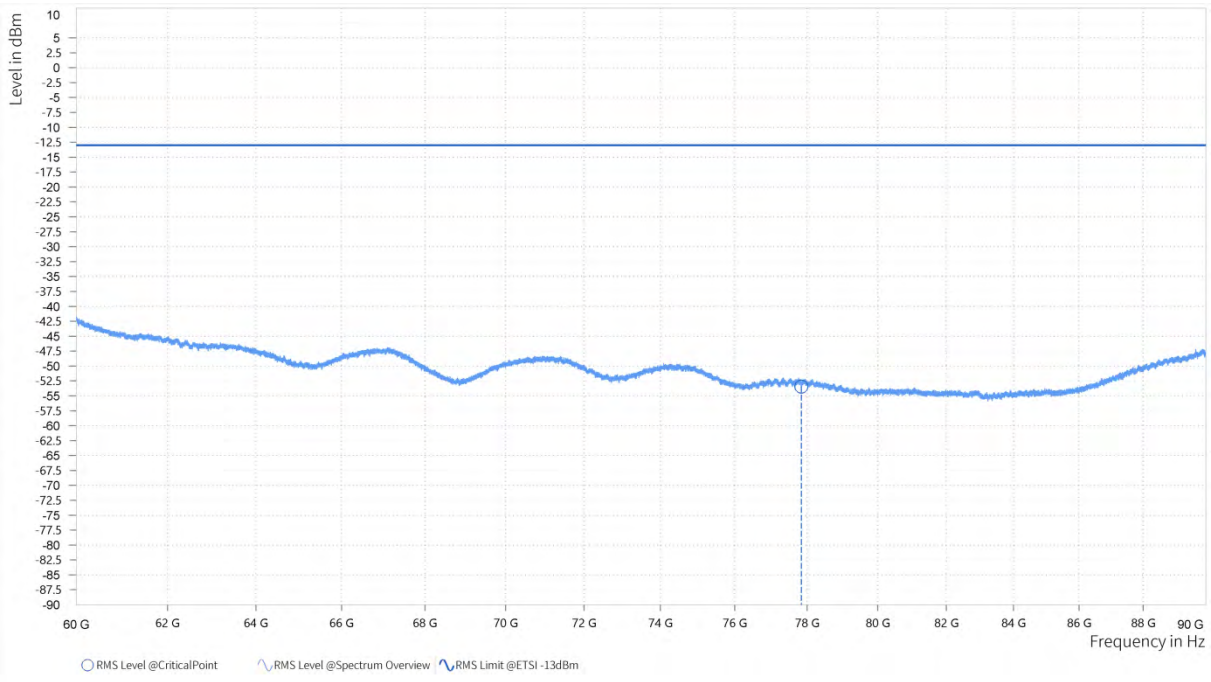
Rg	Frequency [MHz]	RMS Level [dBm]	RMS Limit [dBm]	RMS Margin [dB]	Polarization
1	89,873.000	-47.27	-13.00	34.27	V

FR2 n258a-High 60-90G BW 100M



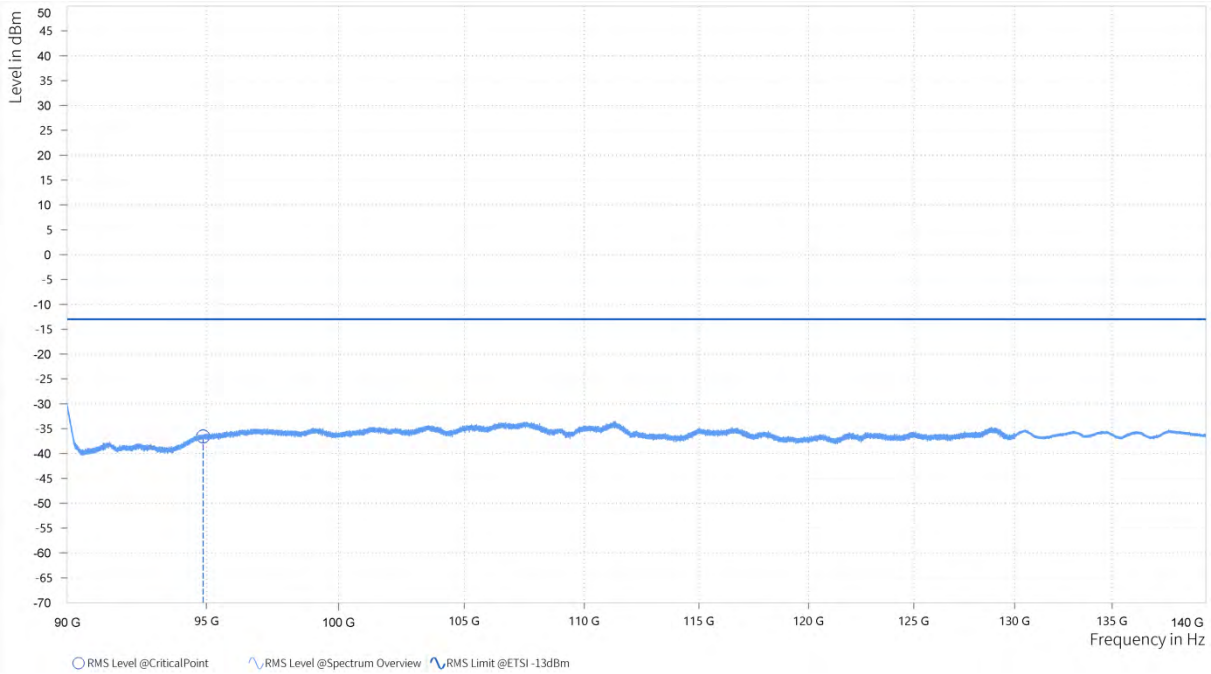
Rg	Frequency [MHz]	RMS Level [dBm]	RMS Limit [dBm]	RMS Margin [dB]	Polarization
1	70,902.500	-46.00	-13.00	33.00	H

FR2 n258a-High 60-90G BW 100M



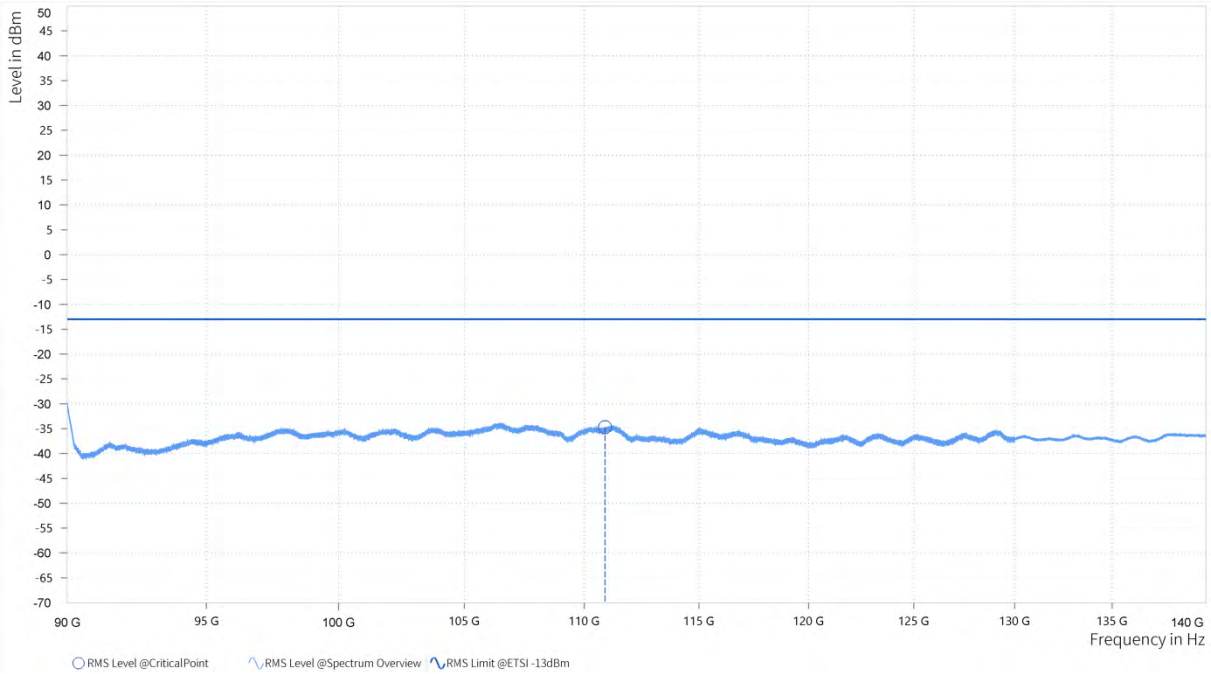
Rg	Frequency [MHz]	RMS Level [dBm]	RMS Limit [dBm]	RMS Margin [dB]	Polarization
1	77,841.000	-53.44	-13.00	40.44	V

FR2 n258a-Low 90-140G BW 100M



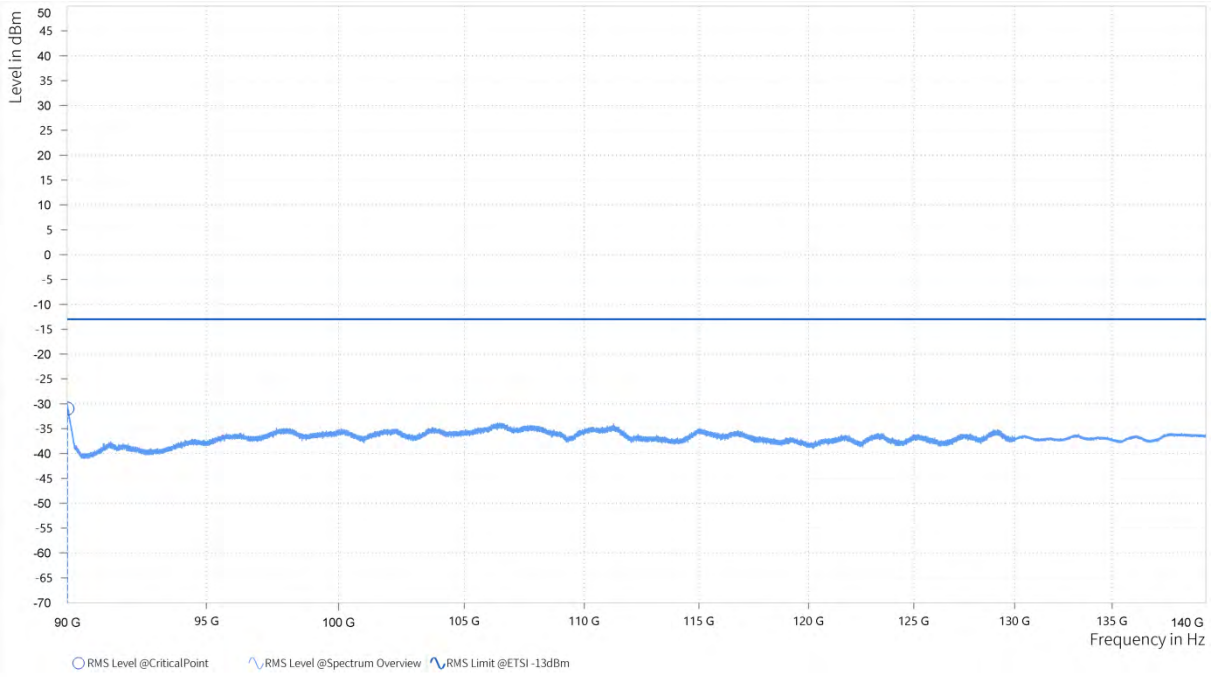
Rg	Frequency [MHz]	RMS Level [dBm]	RMS Limit [dBm]	RMS Margin [dB]	Polarization
1	94,873.500	-36.59	-13.00	23.59	H

FR2 n258a-Low 90-140G BW 100M



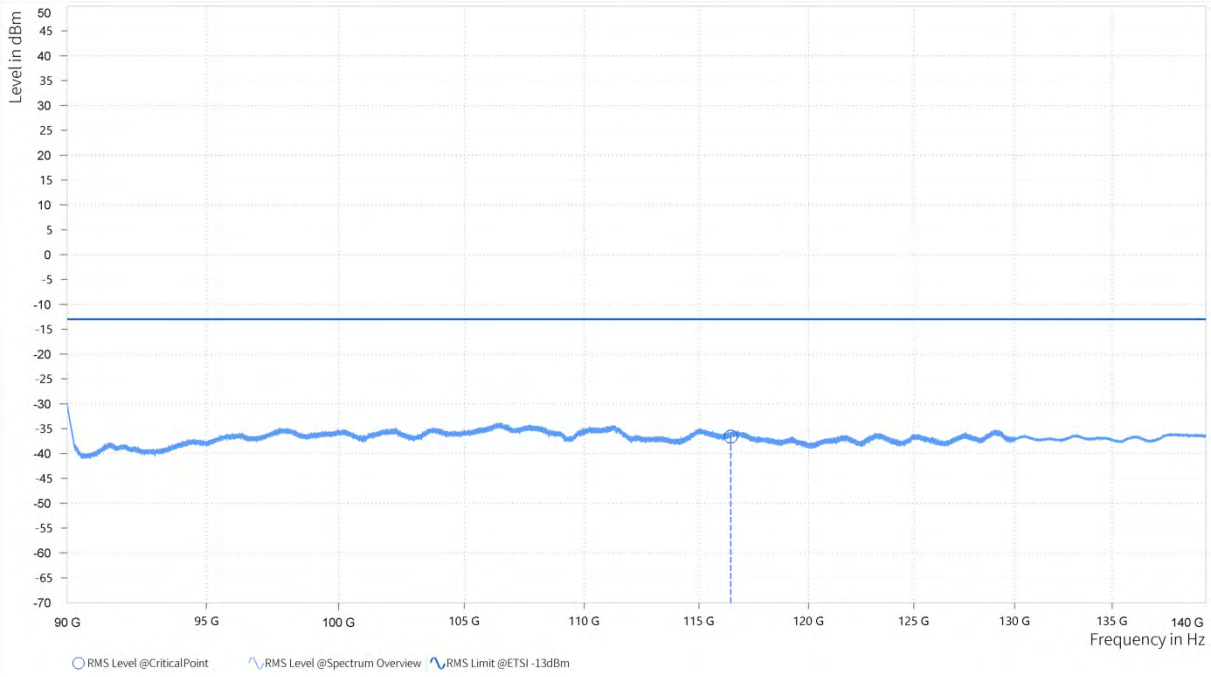
Rg	Frequency [MHz]	RMS Level [dBm]	RMS Limit [dBm]	RMS Margin [dB]	Polarization
1	110,888.000	-34.70	-13.00	21.70	V

FR2 n258a-Mid 90-140G BW 100M



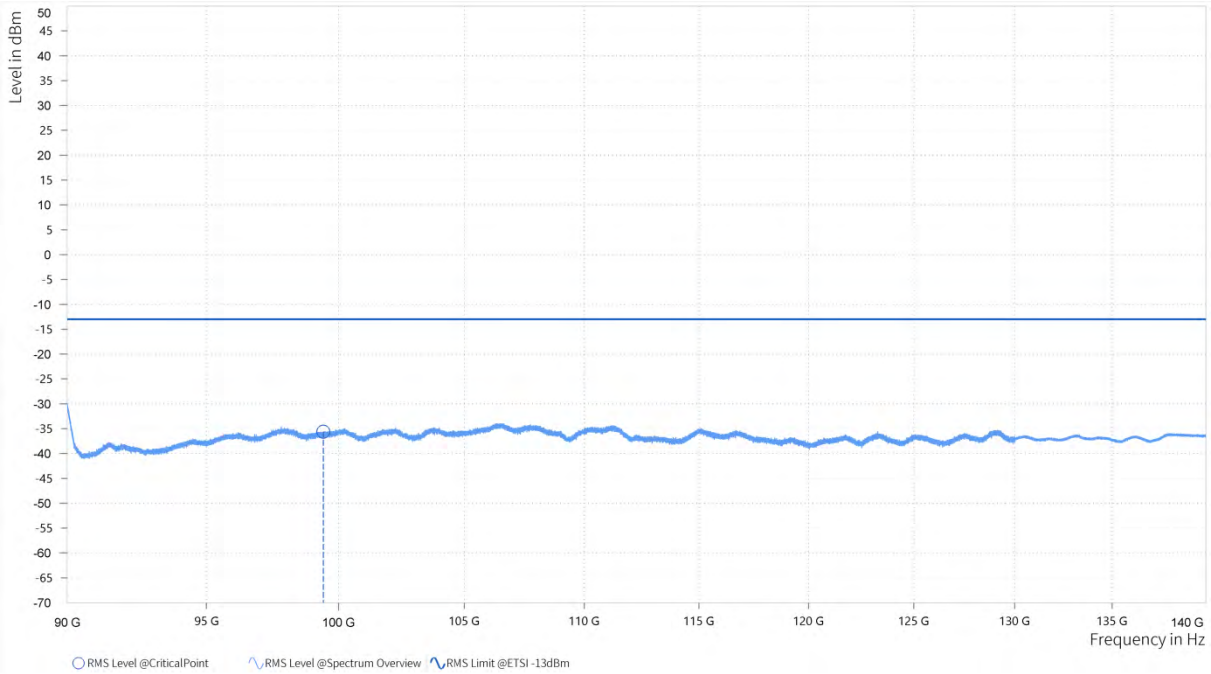
Rg	Frequency [MHz]	RMS Level [dBm]	RMS Limit [dBm]	RMS Margin [dB]	Polarization
1	90,010.000	-30.98	-13.00	17.98	H

FR2 n258a-Mid 90-140G BW 100M



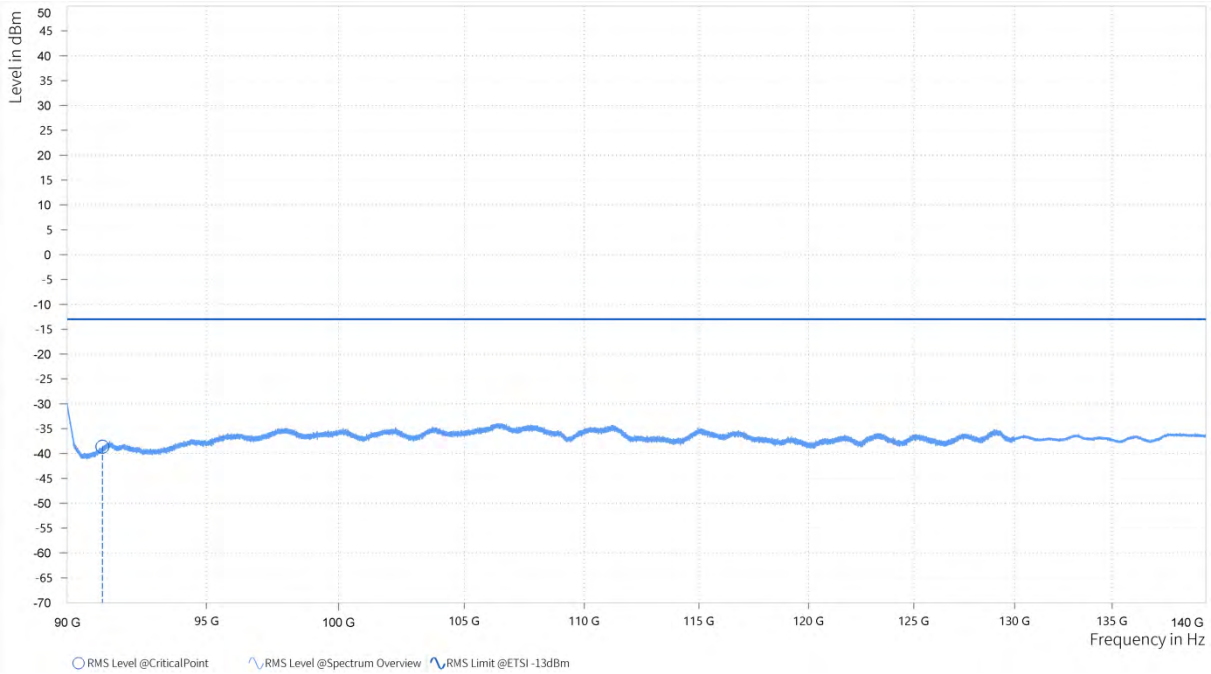
Rg	Frequency [MHz]	RMS Level [dBm]	RMS Limit [dBm]	RMS Margin [dB]	Polarization
1	116,430.000	-36.60	-13.00	23.60	V

FR2 n258a-High 90-140G BW 100M



Rg	Frequency [MHz]	RMS Level [dBm]	RMS Limit [dBm]	RMS Margin [dB]	Polarization
1	99,409.500	-35.61	-13.00	22.61	V

FR2 n258a-High 90-140G BW 100M



Rg	Frequency [MHz]	RMS Level [dBm]	RMS Limit [dBm]	RMS Margin [dB]	Polarization
1	91,242.500	-38.64	-13.00	25.64	H

5. Frequency Stability

Test Result

Test Conditions		NR Band 258a/Middle Channel			Limit
		CW tone			Note.
Temperature(℃)	Voltage(Volt)	Frequency(GHZ)	Deviation(Khz)	Deviation(ppm)	Result
50	120	24.34356	103.250	4.241	Pass
40	120	24.33884	133.250	5.475	
30	120	24.33816	99.350	4.082	
20(Ref)	120	24.36208	0.000	0.000	
10	120	24.36722	-34.230	1.405	
0	120	24.34526	-102.360	4.205	
-10	120	24.34516	-143.630	5.900	
-20	120	24.34053	-165.260	6.789	
-30	120	24.33443	-193.240	7.941	
20	102	24.35763	18.000	0.739	
20	120	24.32843	9.000	0.370	
20	138	24.34218	22.000	0.904	
Note:The frequency fundamental emissions stay within the operation band					

The End