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# Appendix B.14

## LTE Band 66



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## Effective (Isotropic) Radiated Power Output Data

### Test Result

Ant0:

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
Band66	1.4MHz	QPSK	131979	1RB#0	22.72	19.52	33.00	PASS
Band66	1.4MHz	QPSK	131979	1RB#2	22.84	19.64	33.00	PASS
Band66	1.4MHz	QPSK	131979	1RB#5	22.70	19.50	33.00	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	21.82	18.62	33.00	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	22.77	19.57	33.00	PASS
Band66	1.4MHz	QPSK	132322	1RB#2	22.87	19.67	33.00	PASS
Band66	1.4MHz	QPSK	132322	1RB#5	22.78	19.58	33.00	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	21.88	18.68	33.00	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	22.52	19.32	33.00	PASS
Band66	1.4MHz	QPSK	132665	1RB#2	22.62	19.42	33.00	PASS
Band66	1.4MHz	QPSK	132665	1RB#5	22.50	19.30	33.00	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	21.61	18.41	33.00	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	21.92	18.72	33.00	PASS
Band66	1.4MHz	16QAM	131979	1RB#2	22.02	18.82	33.00	PASS
Band66	1.4MHz	16QAM	131979	1RB#5	21.88	18.68	33.00	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	20.90	17.70	33.00	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	22.05	18.85	33.00	PASS
Band66	1.4MHz	16QAM	132322	1RB#2	22.09	18.89	33.00	PASS
Band66	1.4MHz	16QAM	132322	1RB#5	21.97	18.77	33.00	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	20.97	17.77	33.00	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	21.67	18.47	33.00	PASS
Band66	1.4MHz	16QAM	132665	1RB#2	21.88	18.68	33.00	PASS
Band66	1.4MHz	16QAM	132665	1RB#5	21.75	18.55	33.00	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	20.69	17.49	33.00	PASS
Band66	1.4MHz	64QAM	131979	1RB#0	20.88	17.68	33.00	PASS
Band66	1.4MHz	64QAM	131979	1RB#2	20.99	17.79	33.00	PASS



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Band66	1.4MHz	64QAM	131979	1RB#5	20.87	17.67	33.00	PASS
Band66	1.4MHz	64QAM	131979	6RB#0	19.78	16.58	33.00	PASS
Band66	1.4MHz	64QAM	132322	1RB#0	20.96	17.76	33.00	PASS
Band66	1.4MHz	64QAM	132322	1RB#2	21.01	17.81	33.00	PASS
Band66	1.4MHz	64QAM	132322	1RB#5	20.92	17.72	33.00	PASS
Band66	1.4MHz	64QAM	132322	6RB#0	19.83	16.63	33.00	PASS
Band66	1.4MHz	64QAM	132665	1RB#0	20.68	17.48	33.00	PASS
Band66	1.4MHz	64QAM	132665	1RB#2	20.75	17.55	33.00	PASS
Band66	1.4MHz	64QAM	132665	1RB#5	20.67	17.47	33.00	PASS
Band66	1.4MHz	64QAM	132665	6RB#0	19.57	16.37	33.00	PASS
Band66	3MHz	QPSK	131987	1RB#0	22.76	19.56	33.00	PASS
Band66	3MHz	QPSK	131987	1RB#8	22.78	19.58	33.00	PASS
Band66	3MHz	QPSK	131987	1RB#14	22.77	19.57	33.00	PASS
Band66	3MHz	QPSK	131987	15RB#0	21.83	18.63	33.00	PASS
Band66	3MHz	QPSK	132322	1RB#0	22.85	19.65	33.00	PASS
Band66	3MHz	QPSK	132322	1RB#8	22.85	19.65	33.00	PASS
Band66	3MHz	QPSK	132322	1RB#14	22.88	19.68	33.00	PASS
Band66	3MHz	QPSK	132322	15RB#0	21.93	18.73	33.00	PASS
Band66	3MHz	QPSK	132657	1RB#0	22.58	19.38	33.00	PASS
Band66	3MHz	QPSK	132657	1RB#8	22.56	19.36	33.00	PASS
Band66	3MHz	QPSK	132657	1RB#14	22.59	19.39	33.00	PASS
Band66	3MHz	QPSK	132657	15RB#0	21.61	18.41	33.00	PASS
Band66	3MHz	16QAM	131987	1RB#0	22.06	18.86	33.00	PASS
Band66	3MHz	16QAM	131987	1RB#8	22.00	18.80	33.00	PASS
Band66	3MHz	16QAM	131987	1RB#14	22.04	18.84	33.00	PASS
Band66	3MHz	16QAM	131987	15RB#0	20.80	17.60	33.00	PASS
Band66	3MHz	16QAM	132322	1RB#0	22.06	18.86	33.00	PASS
Band66	3MHz	16QAM	132322	1RB#8	22.00	18.80	33.00	PASS
Band66	3MHz	16QAM	132322	1RB#14	22.10	18.90	33.00	PASS
Band66	3MHz	16QAM	132322	15RB#0	20.90	17.70	33.00	PASS
Band66	3MHz	16QAM	132657	1RB#0	21.83	18.63	33.00	PASS
Band66	3MHz	16QAM	132657	1RB#8	21.73	18.53	33.00	PASS
Band66	3MHz	16QAM	132657	1RB#14	21.85	18.65	33.00	PASS



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Band66	3MHz	16QAM	132657	15RB#0	20.60	17.40	33.00	PASS
Band66	3MHz	64QAM	131987	1RB#0	20.93	17.73	33.00	PASS
Band66	3MHz	64QAM	131987	1RB#8	20.98	17.78	33.00	PASS
Band66	3MHz	64QAM	131987	1RB#14	20.93	17.73	33.00	PASS
Band66	3MHz	64QAM	131987	15RB#0	19.78	16.58	33.00	PASS
Band66	3MHz	64QAM	132322	1RB#0	21.05	17.85	33.00	PASS
Band66	3MHz	64QAM	132322	1RB#8	21.02	17.82	33.00	PASS
Band66	3MHz	64QAM	132322	1RB#14	21.02	17.82	33.00	PASS
Band66	3MHz	64QAM	132322	15RB#0	19.84	16.64	33.00	PASS
Band66	3MHz	64QAM	132657	1RB#0	20.73	17.53	33.00	PASS
Band66	3MHz	64QAM	132657	1RB#8	20.74	17.54	33.00	PASS
Band66	3MHz	64QAM	132657	1RB#14	20.76	17.56	33.00	PASS
Band66	3MHz	64QAM	132657	15RB#0	19.57	16.37	33.00	PASS
Band66	5MHz	QPSK	131997	1RB#0	22.68	19.48	33.00	PASS
Band66	5MHz	QPSK	131997	1RB#12	22.91	19.71	33.00	PASS
Band66	5MHz	QPSK	131997	1RB#24	22.68	19.48	33.00	PASS
Band66	5MHz	QPSK	131997	25RB#0	21.82	18.62	33.00	PASS
Band66	5MHz	QPSK	132322	1RB#0	22.77	19.57	33.00	PASS
Band66	5MHz	QPSK	132322	1RB#12	23.06	19.86	33.00	PASS
Band66	5MHz	QPSK	132322	1RB#24	22.76	19.56	33.00	PASS
Band66	5MHz	QPSK	132322	25RB#0	21.91	18.71	33.00	PASS
Band66	5MHz	QPSK	132647	1RB#0	22.43	19.23	33.00	PASS
Band66	5MHz	QPSK	132647	1RB#12	22.65	19.45	33.00	PASS
Band66	5MHz	QPSK	132647	1RB#24	22.48	19.28	33.00	PASS
Band66	5MHz	QPSK	132647	25RB#0	21.55	18.35	33.00	PASS
Band66	5MHz	16QAM	131997	1RB#0	21.90	18.70	33.00	PASS
Band66	5MHz	16QAM	131997	1RB#12	22.09	18.89	33.00	PASS
Band66	5MHz	16QAM	131997	1RB#24	21.89	18.69	33.00	PASS
Band66	5MHz	16QAM	131997	25RB#0	20.80	17.60	33.00	PASS
Band66	5MHz	16QAM	132322	1RB#0	21.97	18.77	33.00	PASS
Band66	5MHz	16QAM	132322	1RB#12	22.22	19.02	33.00	PASS
Band66	5MHz	16QAM	132322	1RB#24	21.95	18.75	33.00	PASS
Band66	5MHz	16QAM	132322	25RB#0	20.89	17.69	33.00	PASS



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Band66	5MHz	16QAM	132647	1RB#0	21.66	18.46	33.00	PASS
Band66	5MHz	16QAM	132647	1RB#12	21.89	18.69	33.00	PASS
Band66	5MHz	16QAM	132647	1RB#24	21.76	18.56	33.00	PASS
Band66	5MHz	16QAM	132647	25RB#0	20.56	17.36	33.00	PASS
Band66	5MHz	64QAM	131997	1RB#0	20.88	17.68	33.00	PASS
Band66	5MHz	64QAM	131997	1RB#12	21.13	17.93	33.00	PASS
Band66	5MHz	64QAM	131997	1RB#24	20.84	17.64	33.00	PASS
Band66	5MHz	64QAM	131997	25RB#0	19.78	16.58	33.00	PASS
Band66	5MHz	64QAM	132322	1RB#0	20.90	17.70	33.00	PASS
Band66	5MHz	64QAM	132322	1RB#12	21.12	17.92	33.00	PASS
Band66	5MHz	64QAM	132322	1RB#24	21.01	17.81	33.00	PASS
Band66	5MHz	64QAM	132322	25RB#0	19.87	16.67	33.00	PASS
Band66	5MHz	64QAM	132647	1RB#0	20.59	17.39	33.00	PASS
Band66	5MHz	64QAM	132647	1RB#12	20.86	17.66	33.00	PASS
Band66	5MHz	64QAM	132647	1RB#24	20.63	17.43	33.00	PASS
Band66	5MHz	64QAM	132647	25RB#0	19.54	16.34	33.00	PASS
Band66	10MHz	QPSK	132022	1RB#0	22.74	19.54	33.00	PASS
Band66	10MHz	QPSK	132022	1RB#24	22.87	19.67	33.00	PASS
Band66	10MHz	QPSK	132022	1RB#49	22.82	19.62	33.00	PASS
Band66	10MHz	QPSK	132022	50RB#0	21.88	18.68	33.00	PASS
Band66	10MHz	QPSK	132322	1RB#0	22.83	19.63	33.00	PASS
Band66	10MHz	QPSK	132322	1RB#24	22.96	19.76	33.00	PASS
Band66	10MHz	QPSK	132322	1RB#49	22.87	19.67	33.00	PASS
Band66	10MHz	QPSK	132322	50RB#0	21.98	18.78	33.00	PASS
Band66	10MHz	QPSK	132622	1RB#0	22.55	19.35	33.00	PASS
Band66	10MHz	QPSK	132622	1RB#24	22.66	19.46	33.00	PASS
Band66	10MHz	QPSK	132622	1RB#49	22.53	19.33	33.00	PASS
Band66	10MHz	QPSK	132622	50RB#0	21.60	18.40	33.00	PASS
Band66	10MHz	16QAM	132022	1RB#0	21.91	18.71	33.00	PASS
Band66	10MHz	16QAM	132022	1RB#24	22.08	18.88	33.00	PASS
Band66	10MHz	16QAM	132022	1RB#49	22.11	18.91	33.00	PASS
Band66	10MHz	16QAM	132022	50RB#0	20.86	17.66	33.00	PASS
Band66	10MHz	16QAM	132322	1RB#0	22.08	18.88	33.00	PASS



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Band66	10MHz	16QAM	132322	1RB#24	22.22	19.02	33.00	PASS
Band66	10MHz	16QAM	132322	1RB#49	22.00	18.80	33.00	PASS
Band66	10MHz	16QAM	132322	50RB#0	20.90	17.70	33.00	PASS
Band66	10MHz	16QAM	132622	1RB#0	21.78	18.58	33.00	PASS
Band66	10MHz	16QAM	132622	1RB#24	21.88	18.68	33.00	PASS
Band66	10MHz	16QAM	132622	1RB#49	21.78	18.58	33.00	PASS
Band66	10MHz	16QAM	132622	50RB#0	20.62	17.42	33.00	PASS
Band66	10MHz	64QAM	132022	1RB#0	20.84	17.64	33.00	PASS
Band66	10MHz	64QAM	132022	1RB#24	21.02	17.82	33.00	PASS
Band66	10MHz	64QAM	132022	1RB#49	20.96	17.76	33.00	PASS
Band66	10MHz	64QAM	132022	50RB#0	19.84	16.64	33.00	PASS
Band66	10MHz	64QAM	132322	1RB#0	21.00	17.80	33.00	PASS
Band66	10MHz	64QAM	132322	1RB#24	21.09	17.89	33.00	PASS
Band66	10MHz	64QAM	132322	1RB#49	21.06	17.86	33.00	PASS
Band66	10MHz	64QAM	132322	50RB#0	19.90	16.70	33.00	PASS
Band66	10MHz	64QAM	132622	1RB#0	20.72	17.52	33.00	PASS
Band66	10MHz	64QAM	132622	1RB#24	20.79	17.59	33.00	PASS
Band66	10MHz	64QAM	132622	1RB#49	20.66	17.46	33.00	PASS
Band66	10MHz	64QAM	132622	50RB#0	19.57	16.37	33.00	PASS
Band66	15MHz	QPSK	132047	1RB#0	22.61	19.41	33.00	PASS
Band66	15MHz	QPSK	132047	1RB#38	22.84	19.64	33.00	PASS
Band66	15MHz	QPSK	132047	1RB#74	22.77	19.57	33.00	PASS
Band66	15MHz	QPSK	132047	75RB#0	21.87	18.67	33.00	PASS
Band66	15MHz	QPSK	132322	1RB#0	22.77	19.57	33.00	PASS
Band66	15MHz	QPSK	132322	1RB#38	22.90	19.70	33.00	PASS
Band66	15MHz	QPSK	132322	1RB#74	22.79	19.59	33.00	PASS
Band66	15MHz	QPSK	132322	75RB#0	21.96	18.76	33.00	PASS
Band66	15MHz	QPSK	132597	1RB#0	22.50	19.30	33.00	PASS
Band66	15MHz	QPSK	132597	1RB#38	22.60	19.40	33.00	PASS
Band66	15MHz	QPSK	132597	1RB#74	22.48	19.28	33.00	PASS
Band66	15MHz	QPSK	132597	75RB#0	21.62	18.42	33.00	PASS
Band66	15MHz	16QAM	132047	1RB#0	21.88	18.68	33.00	PASS
Band66	15MHz	16QAM	132047	1RB#38	22.12	18.92	33.00	PASS



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Band66	15MHz	16QAM	132047	1RB#74	22.01	18.81	33.00	PASS
Band66	15MHz	16QAM	132047	75RB#0	20.84	17.64	33.00	PASS
Band66	15MHz	16QAM	132322	1RB#0	22.04	18.84	33.00	PASS
Band66	15MHz	16QAM	132322	1RB#38	22.05	18.85	33.00	PASS
Band66	15MHz	16QAM	132322	1RB#74	22.03	18.83	33.00	PASS
Band66	15MHz	16QAM	132322	75RB#0	20.91	17.71	33.00	PASS
Band66	15MHz	16QAM	132597	1RB#0	21.77	18.57	33.00	PASS
Band66	15MHz	16QAM	132597	1RB#38	21.85	18.65	33.00	PASS
Band66	15MHz	16QAM	132597	1RB#74	21.79	18.59	33.00	PASS
Band66	15MHz	16QAM	132597	75RB#0	20.62	17.42	33.00	PASS
Band66	15MHz	64QAM	132047	1RB#0	20.79	17.59	33.00	PASS
Band66	15MHz	64QAM	132047	1RB#38	20.93	17.73	33.00	PASS
Band66	15MHz	64QAM	132047	1RB#74	20.97	17.77	33.00	PASS
Band66	15MHz	64QAM	132047	75RB#0	19.80	16.60	33.00	PASS
Band66	15MHz	64QAM	132322	1RB#0	20.91	17.71	33.00	PASS
Band66	15MHz	64QAM	132322	1RB#38	21.05	17.85	33.00	PASS
Band66	15MHz	64QAM	132322	1RB#74	20.86	17.66	33.00	PASS
Band66	15MHz	64QAM	132322	75RB#0	19.89	16.69	33.00	PASS
Band66	15MHz	64QAM	132597	1RB#0	20.65	17.45	33.00	PASS
Band66	15MHz	64QAM	132597	1RB#38	20.73	17.53	33.00	PASS
Band66	15MHz	64QAM	132597	1RB#74	20.72	17.52	33.00	PASS
Band66	15MHz	64QAM	132597	75RB#0	19.58	16.38	33.00	PASS
Band66	20MHz	QPSK	132072	1RB#0	22.40	19.20	33.00	PASS
Band66	20MHz	QPSK	132072	1RB#49	22.92	19.72	33.00	PASS
Band66	20MHz	QPSK	132072	1RB#99	22.61	19.41	33.00	PASS
Band66	20MHz	QPSK	132072	100RB#0	21.85	18.65	33.00	PASS
Band66	20MHz	QPSK	132322	1RB#0	22.58	19.38	33.00	PASS
Band66	20MHz	QPSK	132322	1RB#49	22.95	19.75	33.00	PASS
Band66	20MHz	QPSK	132322	1RB#99	22.58	19.38	33.00	PASS
Band66	20MHz	QPSK	132322	100RB#0	21.96	18.76	33.00	PASS
Band66	20MHz	QPSK	132572	1RB#0	22.31	19.11	33.00	PASS
Band66	20MHz	QPSK	132572	1RB#49	22.72	19.52	33.00	PASS
Band66	20MHz	QPSK	132572	1RB#99	22.32	19.12	33.00	PASS



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Band66	20MHz	QPSK	132572	100RB#0	21.66	18.46	33.00	PASS
Band66	20MHz	16QAM	132072	1RB#0	21.72	18.52	33.00	PASS
Band66	20MHz	16QAM	132072	1RB#49	22.22	19.02	33.00	PASS
Band66	20MHz	16QAM	132072	1RB#99	21.88	18.68	33.00	PASS
Band66	20MHz	16QAM	132072	100RB#0	20.80	17.60	33.00	PASS
Band66	20MHz	16QAM	132322	1RB#0	21.86	18.66	33.00	PASS
Band66	20MHz	16QAM	132322	1RB#49	22.07	18.87	33.00	PASS
Band66	20MHz	16QAM	132322	1RB#99	21.79	18.59	33.00	PASS
Band66	20MHz	16QAM	132322	100RB#0	20.92	17.72	33.00	PASS
Band66	20MHz	16QAM	132572	1RB#0	21.45	18.25	33.00	PASS
Band66	20MHz	16QAM	132572	1RB#49	21.93	18.73	33.00	PASS
Band66	20MHz	16QAM	132572	1RB#99	21.57	18.37	33.00	PASS
Band66	20MHz	16QAM	132572	100RB#0	20.62	17.42	33.00	PASS
Band66	20MHz	64QAM	132072	1RB#0	20.55	17.35	33.00	PASS
Band66	20MHz	64QAM	132072	1RB#49	21.09	17.89	33.00	PASS
Band66	20MHz	64QAM	132072	1RB#99	20.75	17.55	33.00	PASS
Band66	20MHz	64QAM	132072	100RB#0	19.79	16.59	33.00	PASS
Band66	20MHz	64QAM	132322	1RB#0	20.68	17.48	33.00	PASS
Band66	20MHz	64QAM	132322	1RB#49	21.08	17.88	33.00	PASS
Band66	20MHz	64QAM	132322	1RB#99	20.74	17.54	33.00	PASS
Band66	20MHz	64QAM	132322	100RB#0	19.89	16.69	33.00	PASS
Band66	20MHz	64QAM	132572	1RB#0	20.44	17.24	33.00	PASS
Band66	20MHz	64QAM	132572	1RB#49	20.82	17.62	33.00	PASS
Band66	20MHz	64QAM	132572	1RB#99	20.49	17.29	33.00	PASS
Band66	20MHz	64QAM	132572	100RB#0	19.60	16.40	33.00	PASS



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## Peak-to-Average Ratio(CCDF)

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band66	20MHz	QPSK	132072	100RB#0	7.90	13	PASS
Band66	20MHz	QPSK	132322	100RB#0	7.96	13	PASS
Band66	20MHz	QPSK	132572	100RB#0	7.96	13	PASS
Band66	20MHz	16QAM	132072	100RB#0	8.12	13	PASS
Band66	20MHz	16QAM	132322	100RB#0	7.94	13	PASS
Band66	20MHz	16QAM	132572	100RB#0	8.22	13	PASS
Band66	20MHz	64QAM	132072	100RB#0	7.96	13	PASS
Band66	20MHz	64QAM	132322	100RB#0	8.02	13	PASS
Band66	20MHz	64QAM	132572	100RB#0	8.04	13	PASS



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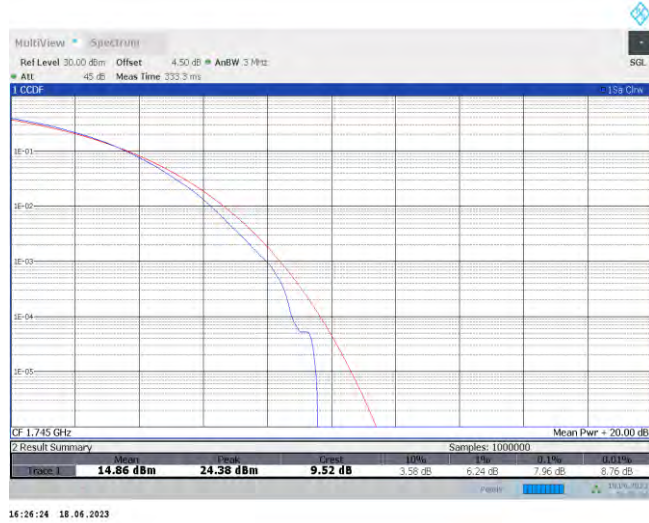
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Test Graphs

Band66-20MHz-QPSK-132072-100RB#0



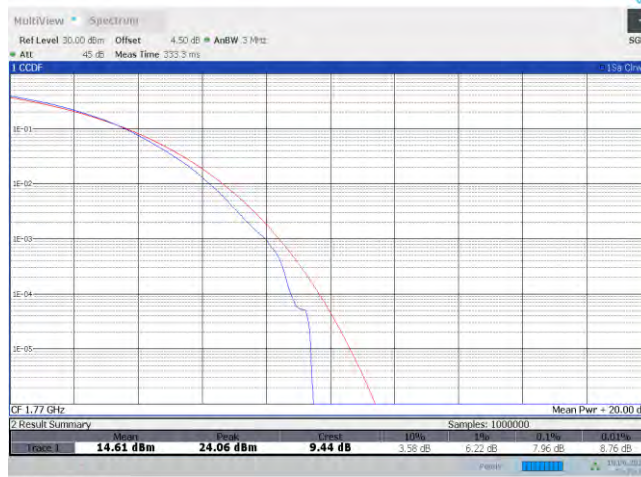
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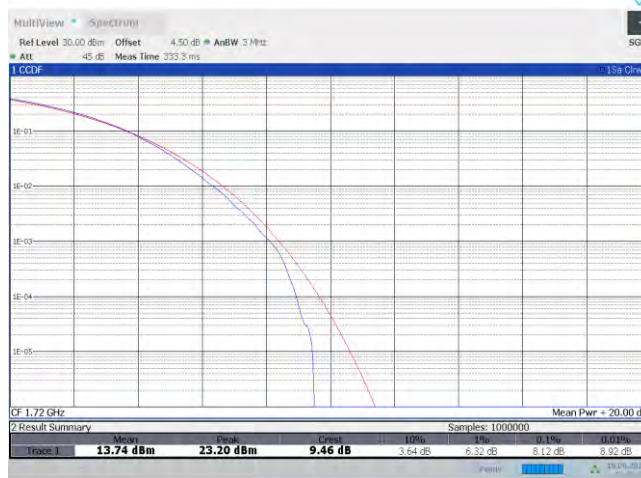
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Band66-20MHz-QPSK-132572-100RB#0



16:27:12 18.06.2023

Band66-20MHz-16QAM-132072-100RB#0



16:25:52 18.06.2023

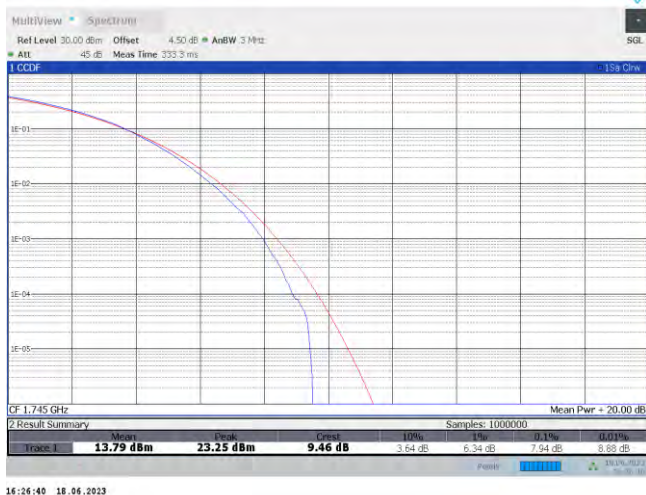


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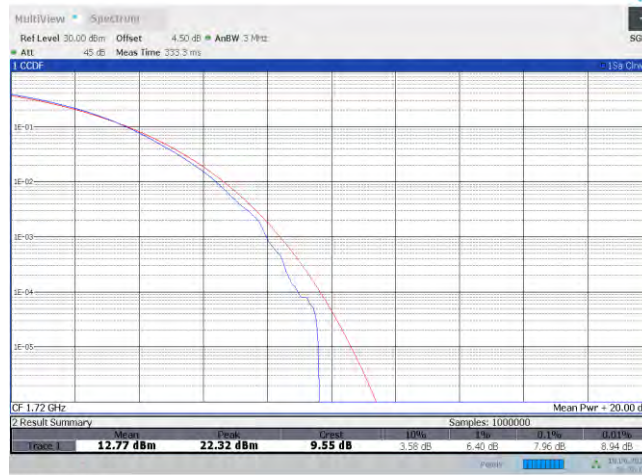


Band66-20MHz-16QAM-132572-100RB#0



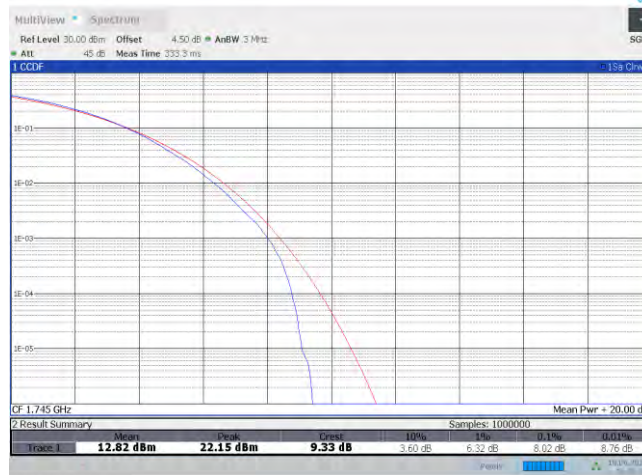
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Band66-20MHz-64QAM-132072-100RB#0



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Band66-20MHz-64QAM-132322-100RB#0



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Band66-20MHz-64QAM-132572-100RB#0



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## Modulation Characteristics

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result	Verdict
Band66	20MHz	QPSK	132322	100RB#0	PASS	PASS
Band66	20MHz	16QAM	132322	100RB#0	PASS	PASS
Band66	20MHz	64QAM	132322	100RB#0	PASS	PASS



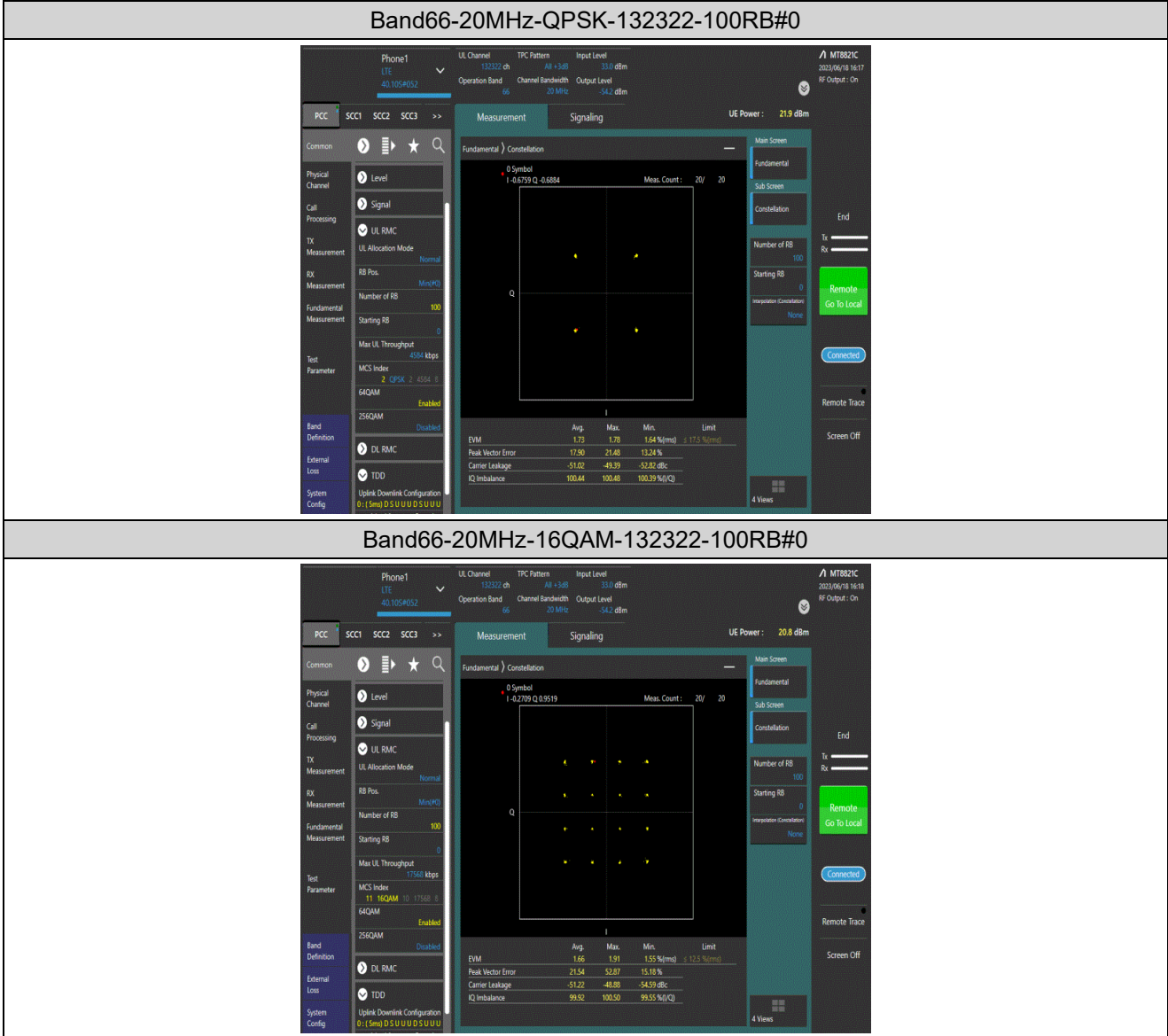
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Test Graphs



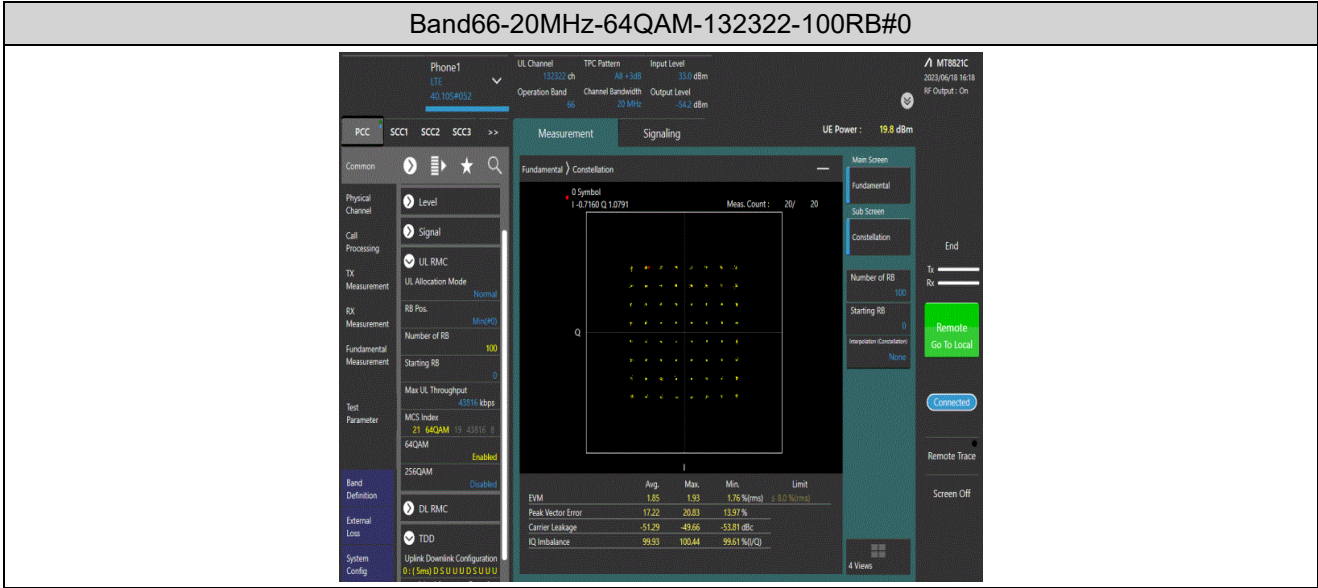
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## 26dB Bandwidth and Occupied Bandwidth

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band66	1.4MHz	QPSK	131979	6RB#0	1.096	1.31	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	1.085	1.29	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	1.087	1.26	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	1.097	1.30	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	1.097	1.29	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	1.092	1.30	PASS
Band66	1.4MHz	64QAM	131979	6RB#0	1.092	1.29	PASS
Band66	1.4MHz	64QAM	132322	6RB#0	1.098	1.32	PASS
Band66	1.4MHz	64QAM	132665	6RB#0	1.098	1.33	PASS
Band66	3MHz	QPSK	131987	15RB#0	2.690	2.91	PASS
Band66	3MHz	QPSK	132322	15RB#0	2.692	2.92	PASS
Band66	3MHz	QPSK	132657	15RB#0	2.691	2.90	PASS
Band66	3MHz	16QAM	131987	15RB#0	2.678	2.92	PASS
Band66	3MHz	16QAM	132322	15RB#0	2.679	2.92	PASS
Band66	3MHz	16QAM	132657	15RB#0	2.680	2.92	PASS
Band66	3MHz	64QAM	131987	15RB#0	2.684	2.89	PASS
Band66	3MHz	64QAM	132322	15RB#0	2.685	2.90	PASS
Band66	3MHz	64QAM	132657	15RB#0	2.681	2.89	PASS
Band66	5MHz	QPSK	131997	25RB#0	4.466	4.84	PASS
Band66	5MHz	QPSK	132322	25RB#0	4.466	4.88	PASS
Band66	5MHz	QPSK	132647	25RB#0	4.467	4.83	PASS
Band66	5MHz	16QAM	131997	25RB#0	4.466	4.81	PASS
Band66	5MHz	16QAM	132322	25RB#0	4.463	4.83	PASS
Band66	5MHz	16QAM	132647	25RB#0	4.465	4.83	PASS
Band66	5MHz	64QAM	131997	25RB#0	4.470	4.85	PASS
Band66	5MHz	64QAM	132322	25RB#0	4.474	4.82	PASS
Band66	5MHz	64QAM	132647	25RB#0	4.475	4.85	PASS
Band66	10MHz	QPSK	132022	50RB#0	8.949	9.58	PASS
Band66	10MHz	QPSK	132322	50RB#0	8.941	9.66	PASS



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Report No.: SEWM2306000195RG01

Rev.: 01

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Band66	10MHz	QPSK	132622	50RB#0	8.934	9.58	PASS
Band66	10MHz	16QAM	132022	50RB#0	8.903	9.54	PASS
Band66	10MHz	16QAM	132322	50RB#0	8.917	9.50	PASS
Band66	10MHz	16QAM	132622	50RB#0	8.908	9.54	PASS
Band66	10MHz	64QAM	132022	50RB#0	8.928	9.58	PASS
Band66	10MHz	64QAM	132322	50RB#0	8.931	9.60	PASS
Band66	10MHz	64QAM	132622	50RB#0	8.925	9.56	PASS
Band66	15MHz	QPSK	132047	75RB#0	13.472	14.61	PASS
Band66	15MHz	QPSK	132322	75RB#0	13.427	14.58	PASS
Band66	15MHz	QPSK	132597	75RB#0	13.464	14.67	PASS
Band66	15MHz	16QAM	132047	75RB#0	13.447	14.67	PASS
Band66	15MHz	16QAM	132322	75RB#0	13.449	14.61	PASS
Band66	15MHz	16QAM	132597	75RB#0	13.427	14.64	PASS
Band66	15MHz	64QAM	132047	75RB#0	13.425	14.64	PASS
Band66	15MHz	64QAM	132322	75RB#0	13.426	14.67	PASS
Band66	15MHz	64QAM	132597	75RB#0	13.418	14.64	PASS
Band66	20MHz	QPSK	132072	100RB#0	17.886	19.20	PASS
Band66	20MHz	QPSK	132322	100RB#0	17.915	19.20	PASS
Band66	20MHz	QPSK	132572	100RB#0	17.891	19.16	PASS
Band66	20MHz	16QAM	132072	100RB#0	17.848	19.20	PASS
Band66	20MHz	16QAM	132322	100RB#0	17.903	19.16	PASS
Band66	20MHz	16QAM	132572	100RB#0	17.882	19.24	PASS
Band66	20MHz	64QAM	132072	100RB#0	17.877	19.24	PASS
Band66	20MHz	64QAM	132322	100RB#0	17.906	19.36	PASS
Band66	20MHz	64QAM	132572	100RB#0	17.891	19.24	PASS



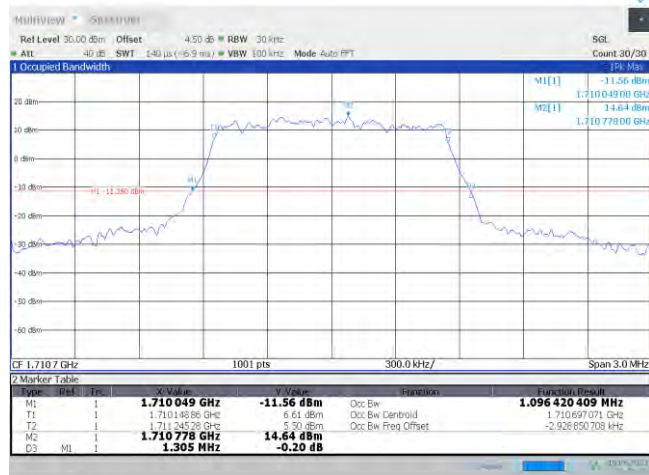
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Test Graphs

Band66-1.4MHz-QPSK-131979-6RB#0



15:21:05 18.06.2023

Band66-1.4MHz-QPSK-132322-6RB#0



15:21:43 18.06.2023



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Band66-1.4MHz-QPSK-132665-6RB#0



15:22:21 18.06.2023

Band66-1.4MHz-16QAM-131979-6RB#0



15:21:18 18.06.2023



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Band66-1.4MHz-16QAM-132322-6RB#0



15:21:56 18.06.2023

Band66-1.4MHz-16QAM-132665-6RB#0

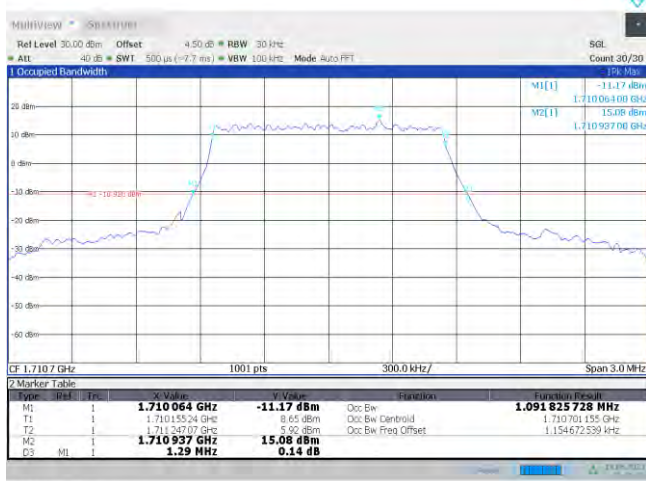


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Band66-1.4MHz-64QAM-131979-6RB#0



15:21:31 18.06.2023

Band66-1.4MHz-64QAM-132322-6RB#0



15:22:09 18.06.2023



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Band66-1.4MHz-64QAM-132665-6RB#0



15:22:47 18.06.2023

Band66-3MHz-QPSK-131987-15RB#0



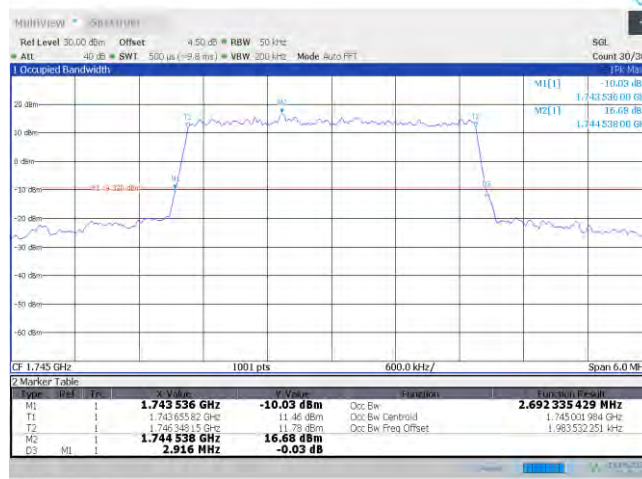
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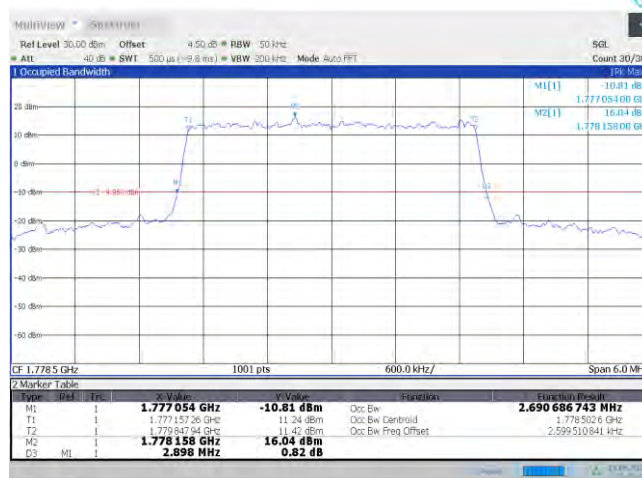


Band66-3MHz-QPSK-132322-15RB#0



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Band66-3MHz-QPSK-132657-15RB#0



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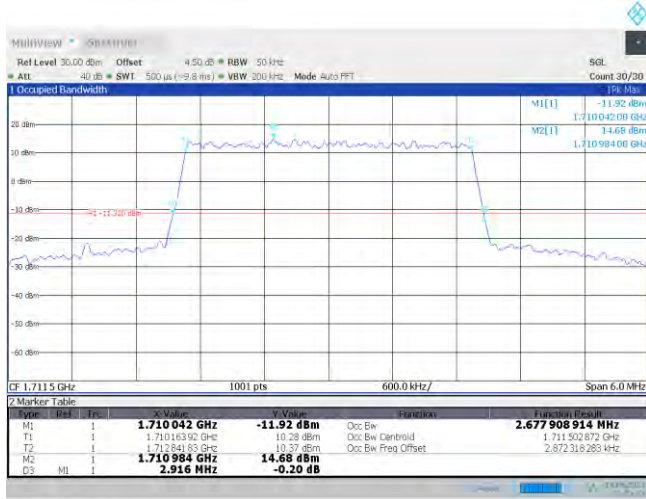


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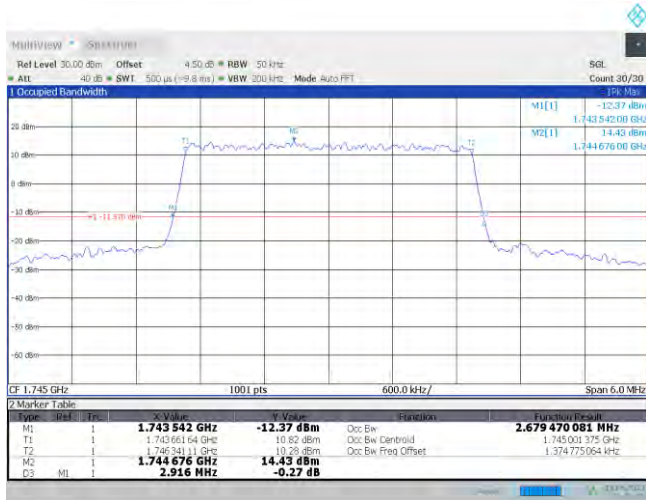
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Band66-3MHz-16QAM-131987-15RB#0



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Band66-3MHz-16QAM-132322-15RB#0

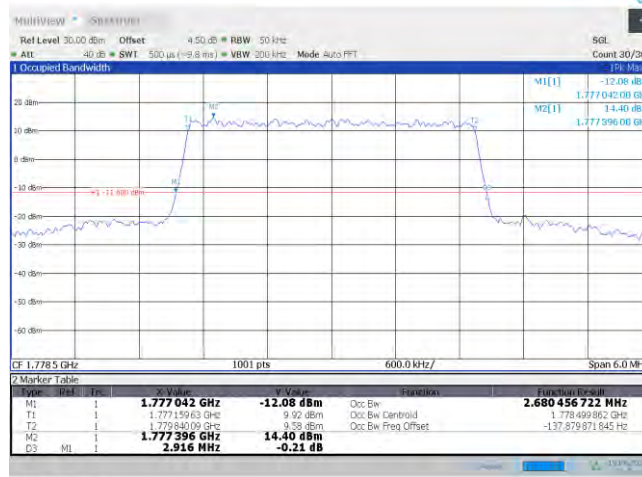


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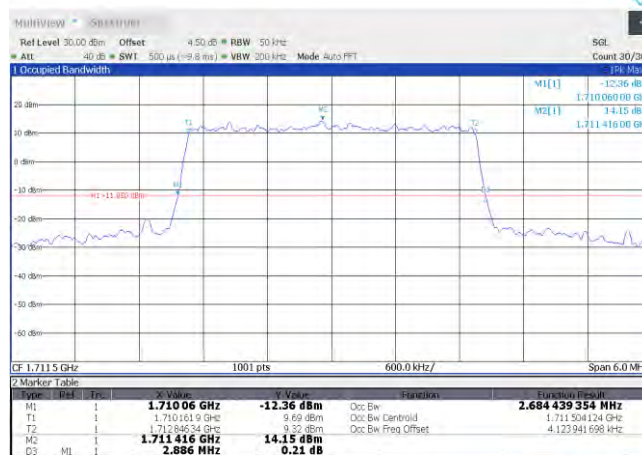
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Band66-3MHz-16QAM-132657-15RB#0



15:24:49 18.06.2023

Band66-3MHz-64QAM-131987-15RB#0



15:23:46 18.06.2023



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Band66-3MHz-64QAM-132322-15RB#0



15:24:24 18.06.2023

Band66-3MHz-64QAM-132657-15RB#0



15:25:02 18.06.2023



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Band66-5MHz-QPSK-131997-25RB#0



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Band66-5MHz-QPSK-132322-25RB#0

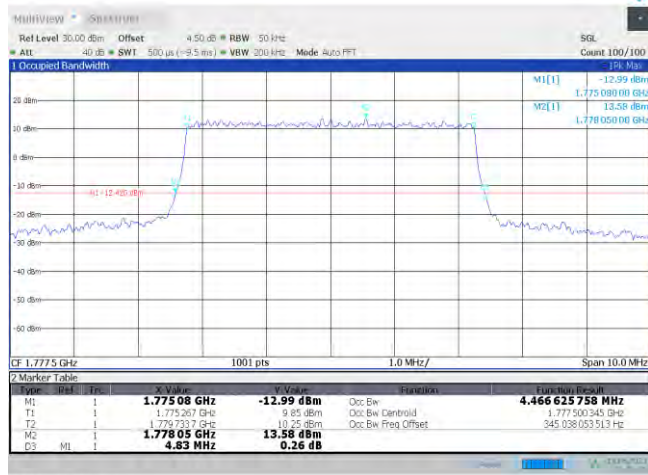


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Band66-5MHz-QPSK-132647-25RB#0



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Band66-5MHz-16QAM-131997-25RB#0



15:25:48 18.06.2023



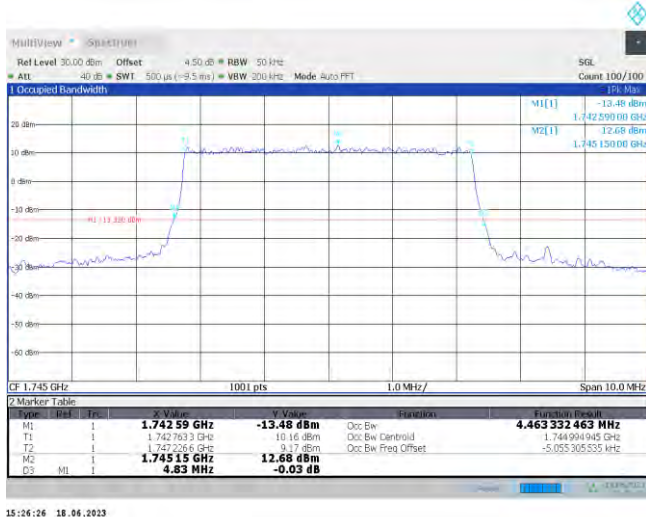
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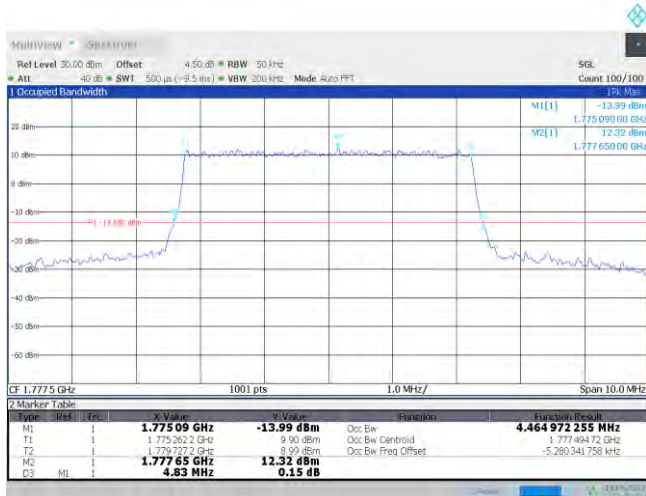
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Band66-5MHz-16QAM-132322-25RB#0



15:24:26 18.06.2023

Band66-5MHz-16QAM-132647-25RB#0

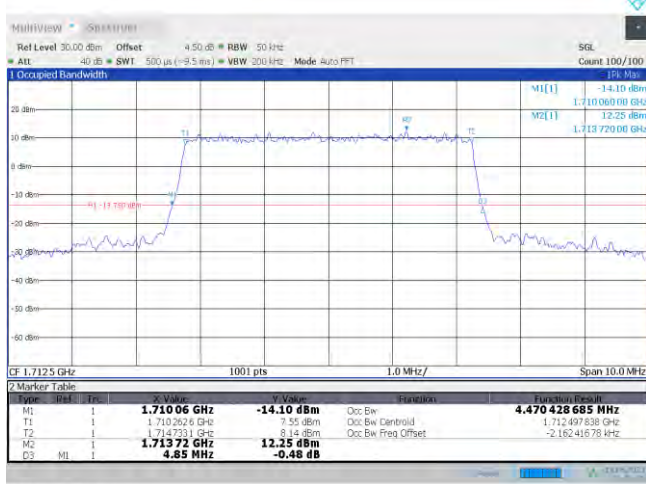


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Band66-5MHz-64QAM-131997-25RB#0



15:26:01 18.06.2023

Band66-5MHz-64QAM-132322-25RB#0



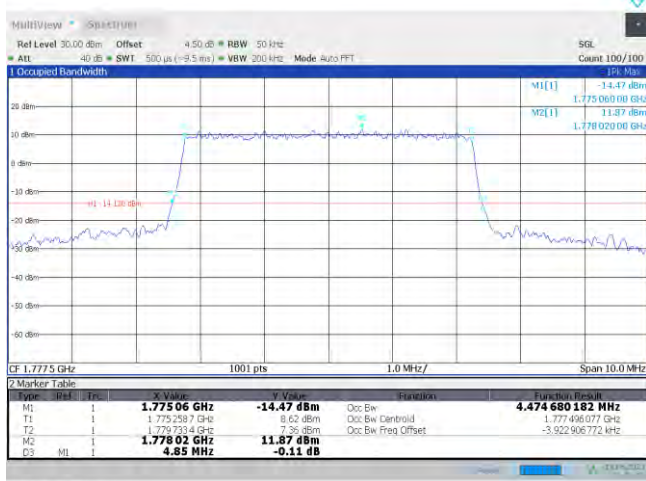
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Band66-5MHz-64QAM-132647-25RB#0



15:27:17 18.06.2023

Band66-10MHz-QPSK-132022-50RB#0

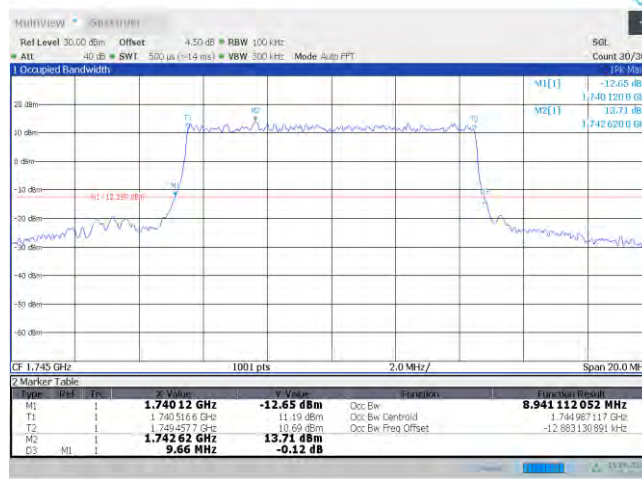


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Band66-10MHz-QPSK-132322-50RB#0



15:28:29 18.06.2023

Band66-10MHz-QPSK-132622-50RB#0



15:29:07 18.06.2023



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Band66-10MHz-16QAM-132022-50RB#0



15:28:03 18.06.2023

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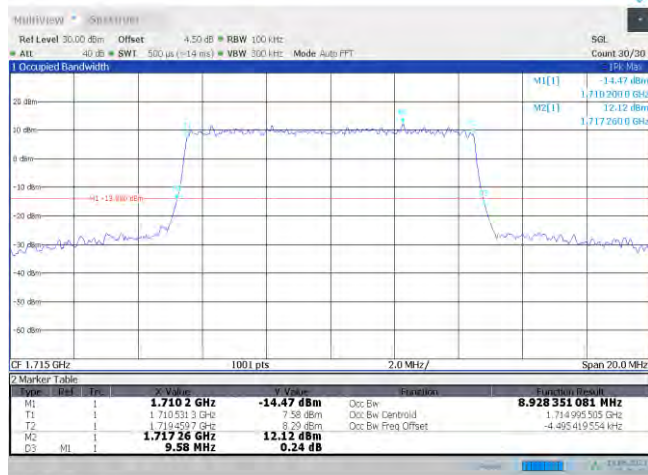
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Band66-10MHz-16QAM-132622-50RB#0



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Band66-10MHz-64QAM-132022-50RB#0



15:28:16 18.06.2023

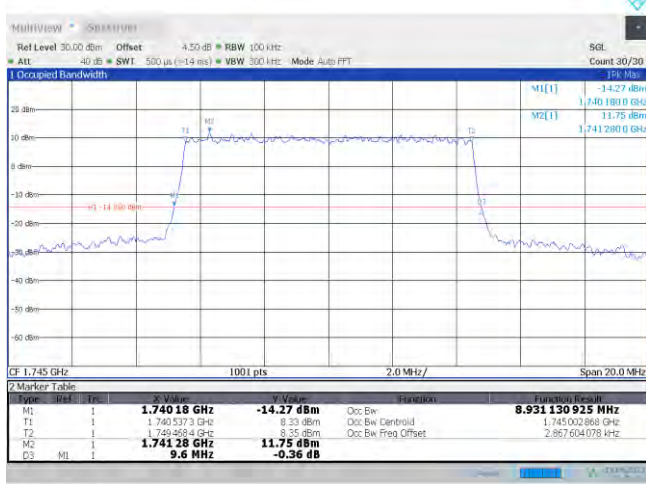


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Band66-10MHz-64QAM-132322-50RB#0



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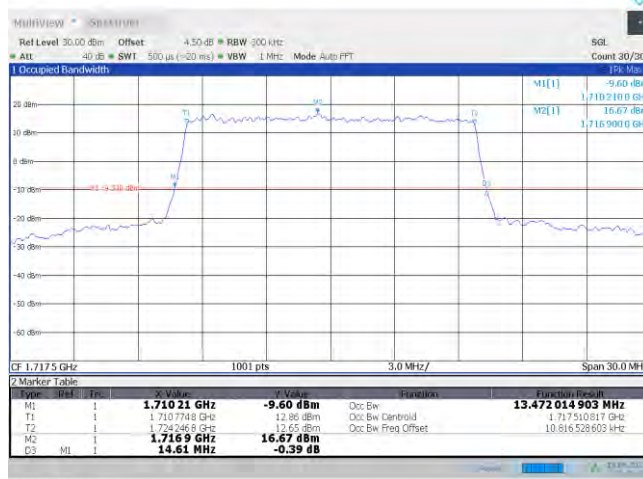


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Band66-15MHz-QPSK-132047-75RB#0



15:30:06 18.06.2023

Band66-15MHz-QPSK-132322-75RB#0



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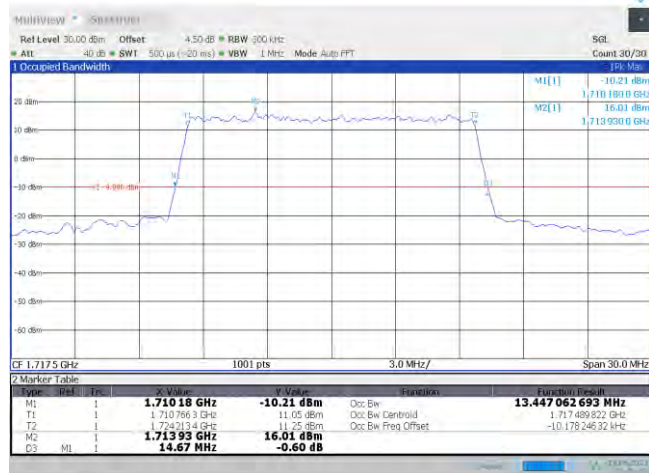
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Band66-15MHz-QPSK-132597-75RB#0



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Band66-15MHz-16QAM-132047-75RB#0



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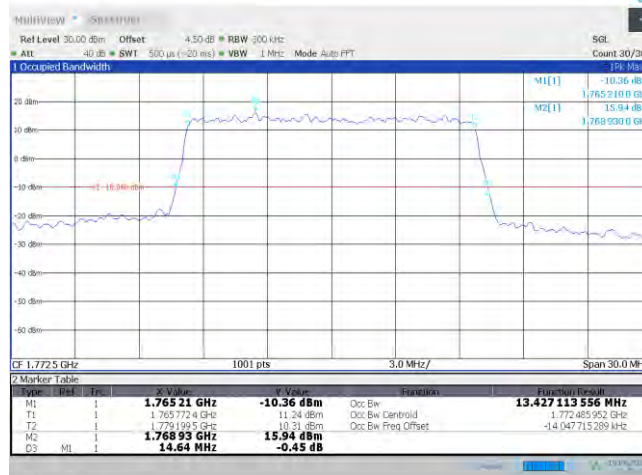
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Band66-15MHz-16QAM-132322-75RB#0



15:30:56 18.06.2023

Band66-15MHz-16QAM-132597-75RB#0



15:31:35 18.06.2023



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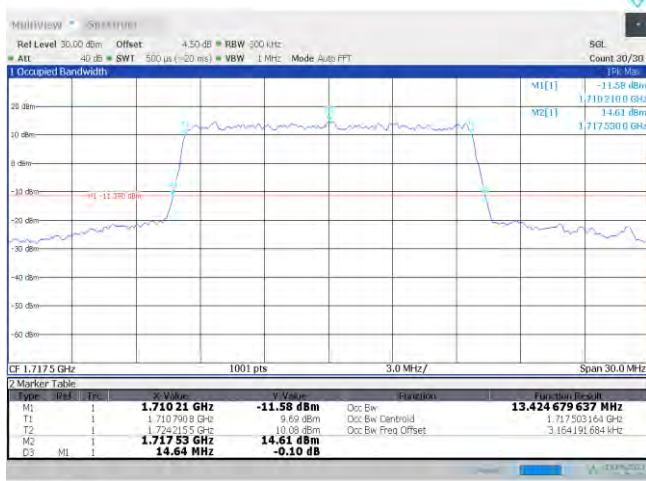
SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.  
(Wireless Laboratory)

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Band66-15MHz-64QAM-132047-75RB#0



15:30:31 18.06.2023

Band66-15MHz-64QAM-132322-75RB#0



15:31:09 18.06.2023



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15:31:47 18.06.2023

Band66-20MHz-QPSK-132072-100RB#0



15:32:22 18.06.2023



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15:33:03 18.06.2023

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Band66-20MHz-16QAM-132572-100RB#0



15:33:56 18.06.2023

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Band66-20MHz-64QAM-132322-100RB#0



15:33:30 18.06.2023

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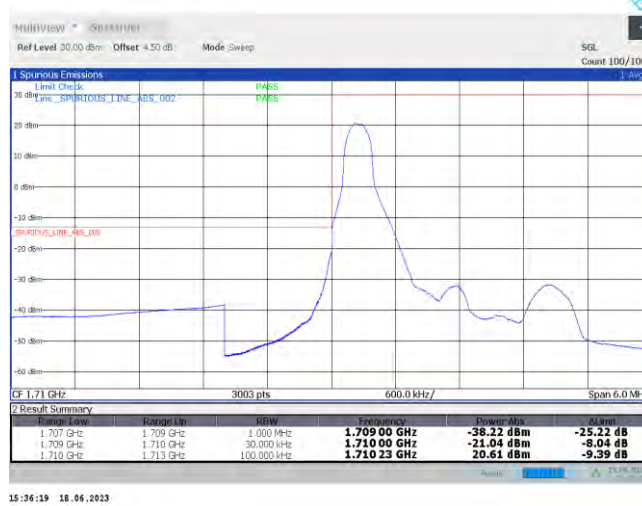
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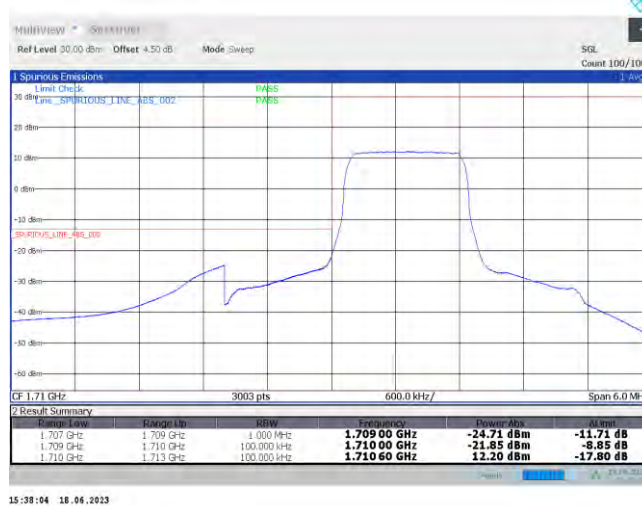
Band Edge

Test Graphs

Band66-1.4MHz-QPSK-131979-1RB#0



Band66-1.4MHz-QPSK-131979-6RB#0



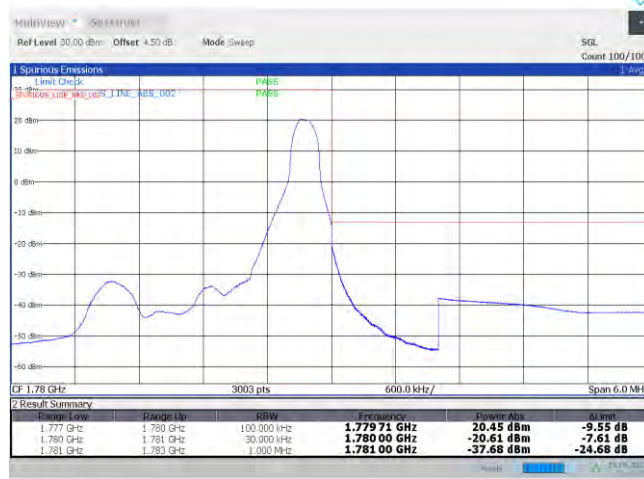
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Band66-1.4MHz-QPSK-132665-1RB#5



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Band66-1.4MHz-QPSK-132665-6RB#0



15:41:58 18.06.2023



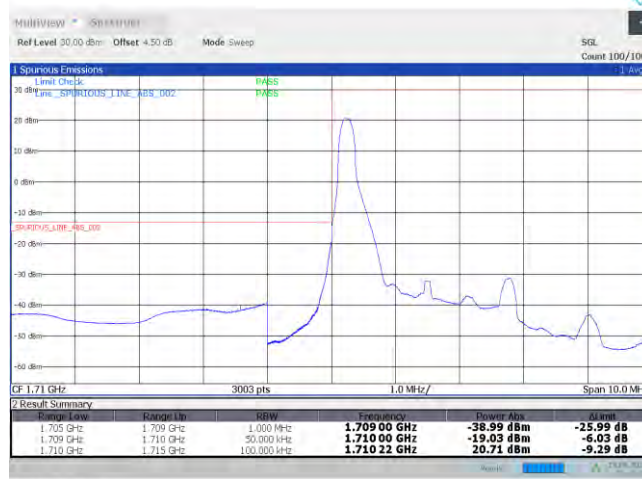
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Band66-3MHz-QPSK-131987-1RB#0



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15:45:53 18.06.2023



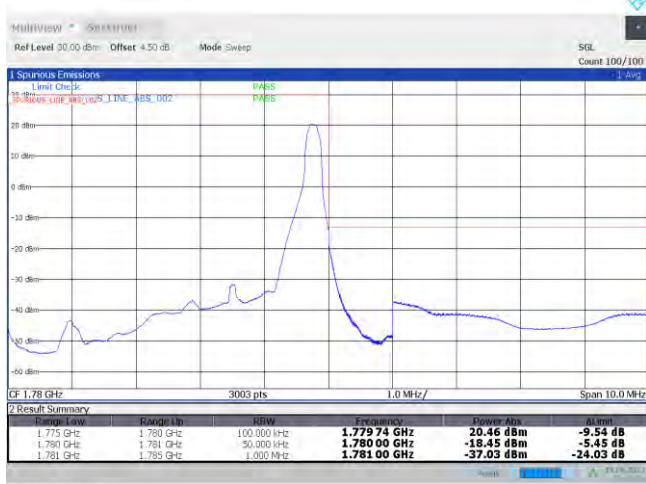
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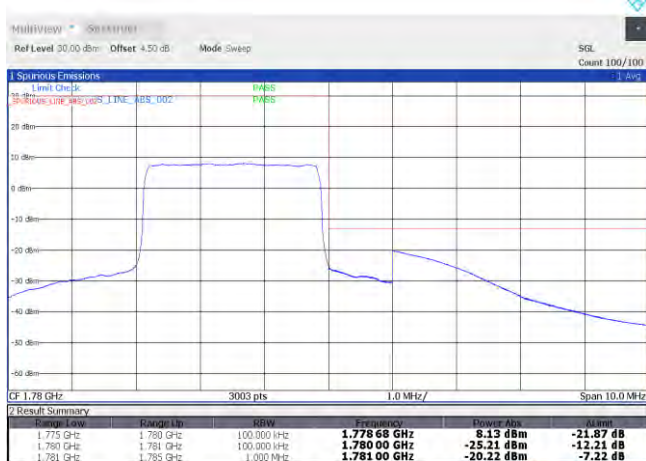
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Band66-3MHz-QPSK-132657-1RB#14



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Band66-3MHz-QPSK-132657-15RB#0

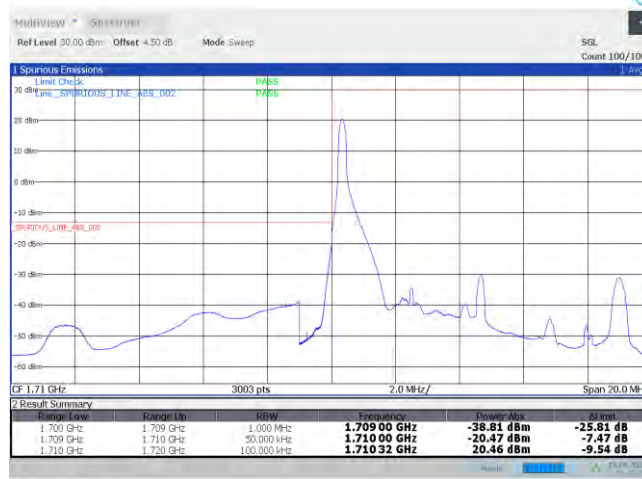


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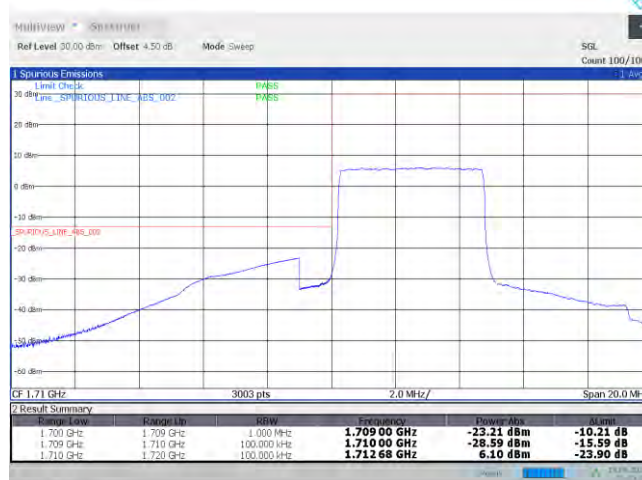
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Band66-5MHz-QPSK-131997-1RB#0



15:51:58 18.06.2023

Band66-5MHz-QPSK-131997-25RB#0



15:53:43 18.06.2023

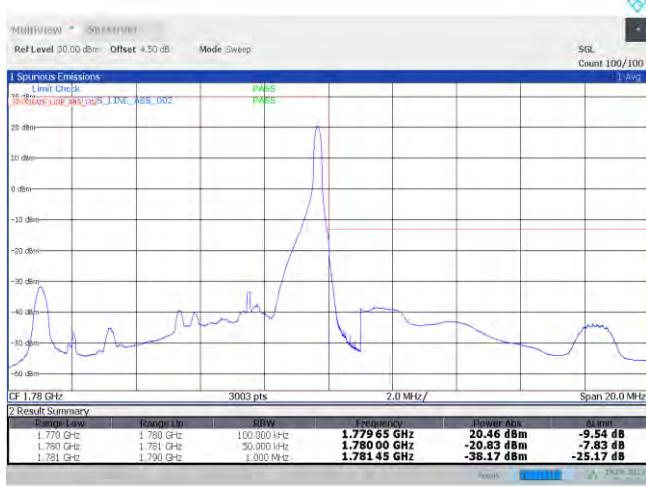


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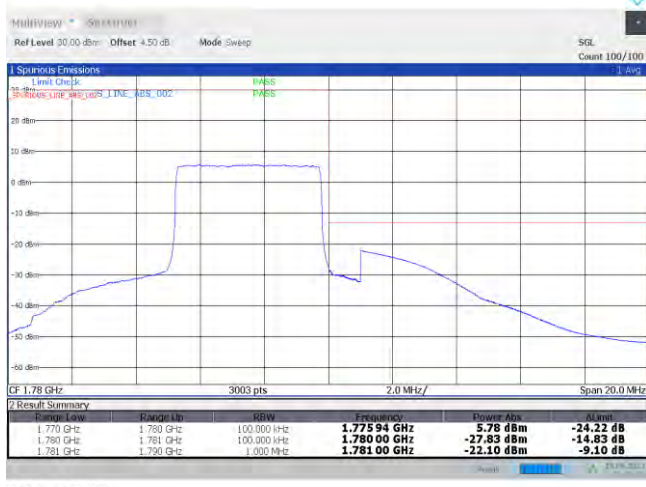
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Band66-5MHz-QPSK-132647-1RB#24



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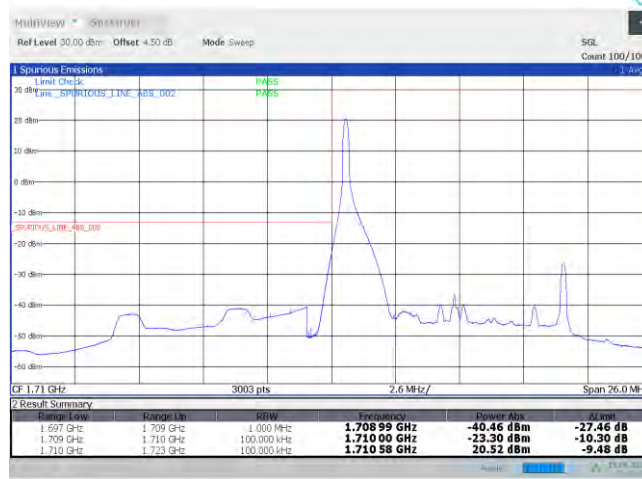


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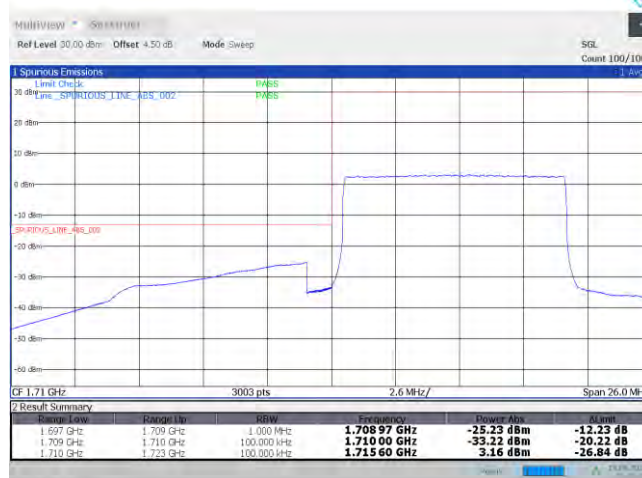
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Band66-10MHz-QPSK-132022-1RB#0



15:59:49 18.06.2023

Band66-10MHz-QPSK-132022-50RB#0

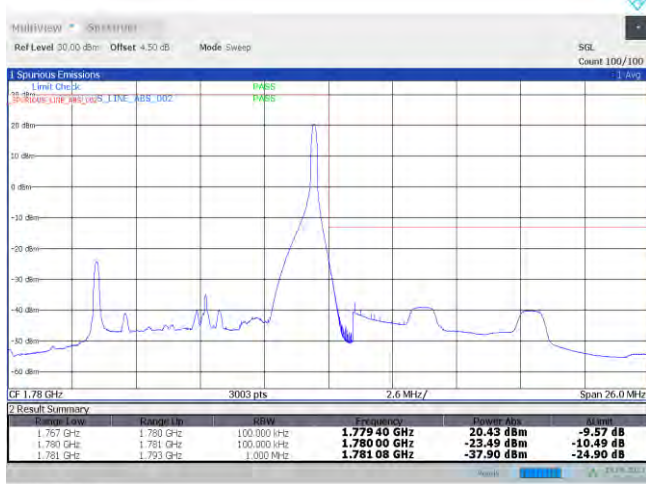


16:01:34 18.06.2023



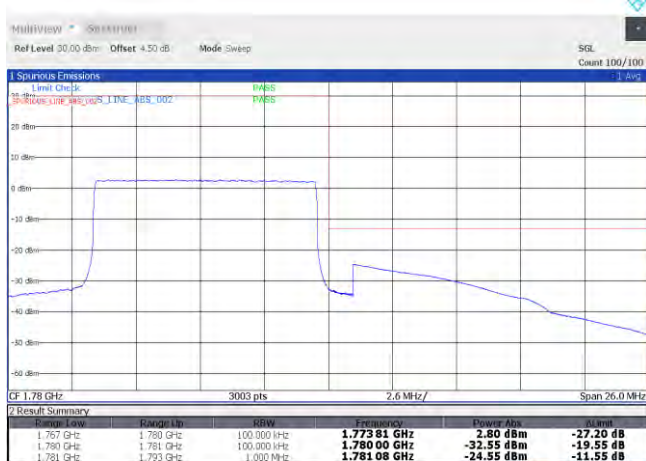
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Band66-10MHz-QPSK-132622-1RB#49



16:03:46 18.06.2023

Band66-10MHz-QPSK-132622-50RB#0

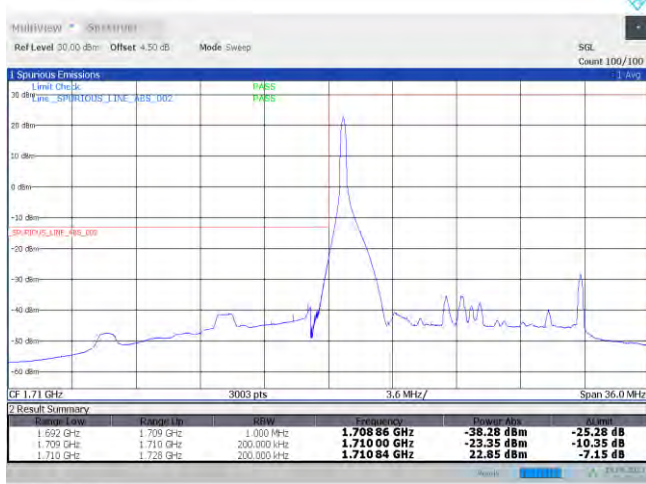


16:05:31 18.06.2023



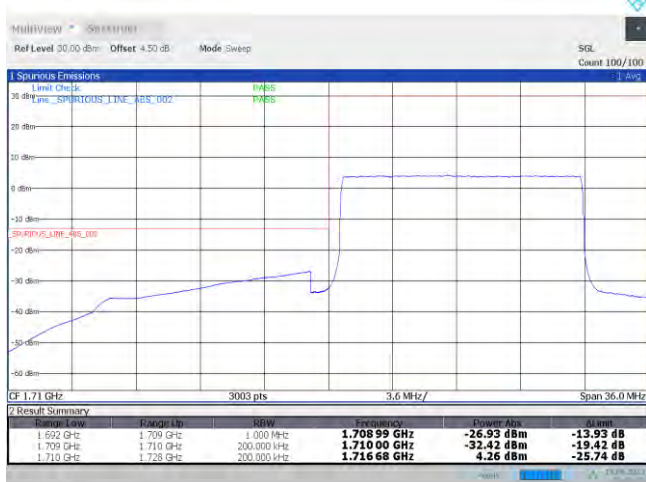
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Band66-15MHz-QPSK-132047-1RB#0



16:07:40 18.06.2023

Band66-15MHz-QPSK-132047-75RB#0

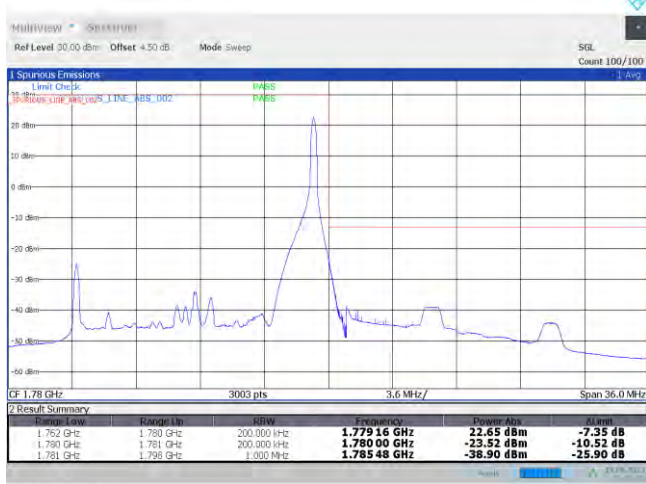


16:09:26 18.06.2023



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Band66-15MHz-QPSK-132597-1RB#74



16:11:35 18.06.2023

Band66-15MHz-QPSK-132597-75RB#0



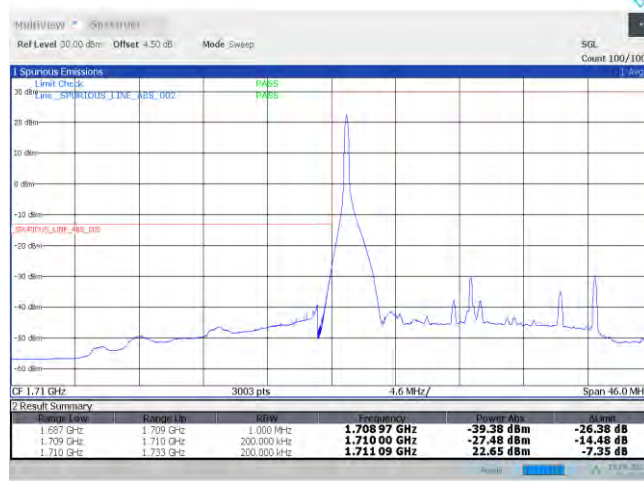
16:13:20 18.06.2023



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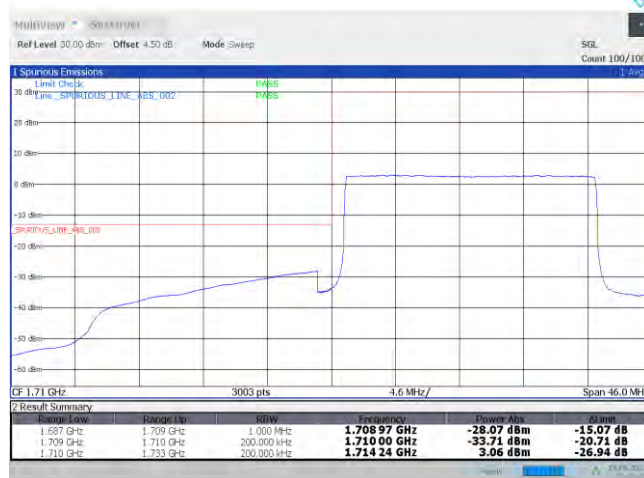


Band66-20MHz-QPSK-132072-1RB#0



16:15:41 18.06.2023

Band66-20MHz-QPSK-132072-100RB#0

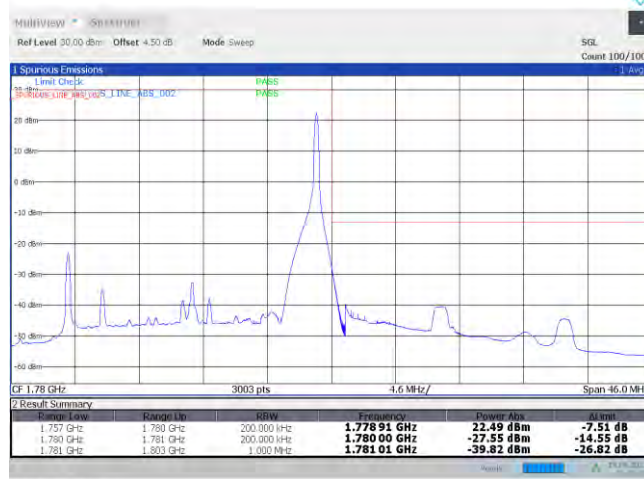


16:17:36 18.06.2023



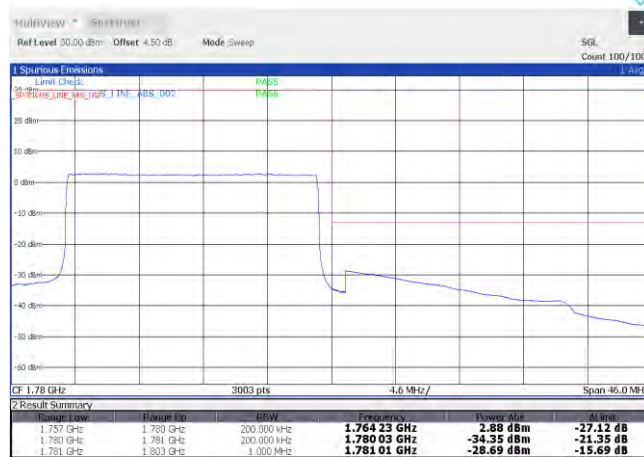
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Band66-20MHz-QPSK-132572-1RB#99



16:20:11 18.06.2023

Band66-20MHz-QPSK-132572-100RB#0



16:22:07 18.06.2023

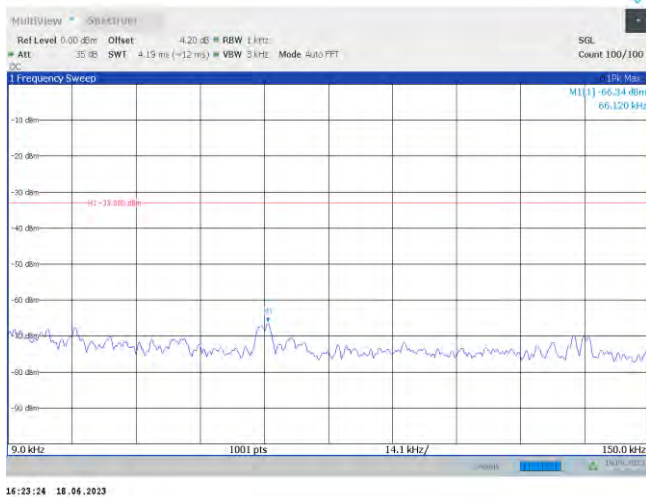


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## Conducted Spurious Emission

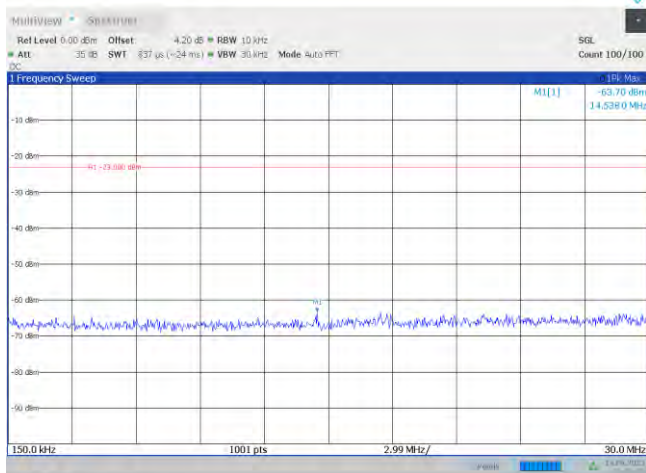
### Test Graphs

Band66-20MHz-QPSK-132072-1RB#0-Range1:0.009~0.15MHz



16:23:24 18.06.2023

Band66-20MHz-QPSK-132072-1RB#0-Range2:0.15~30MHz

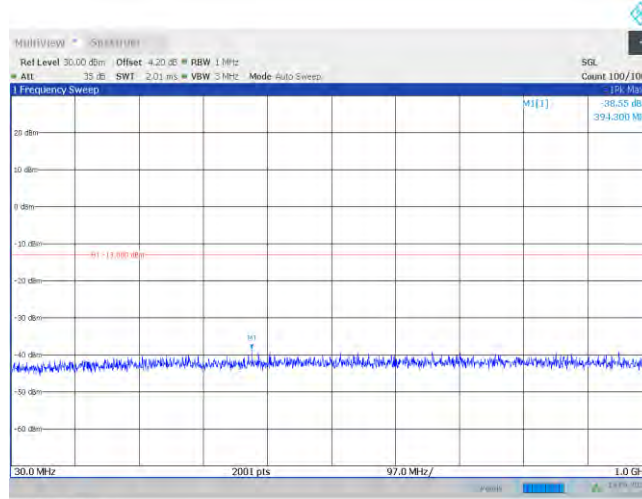


16:23:27 18.06.2023

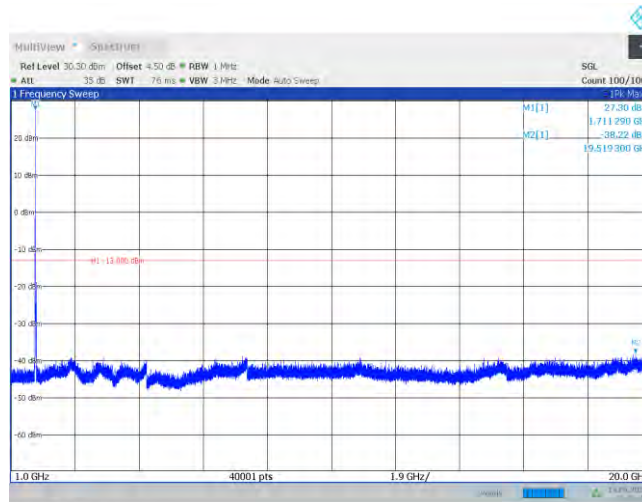


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Band66-20MHz-QPSK-132072-1RB#0-Range3:30~1000MHz



Band66-20MHz-QPSK-132072-1RB#0-Range4:1000~20000MHz

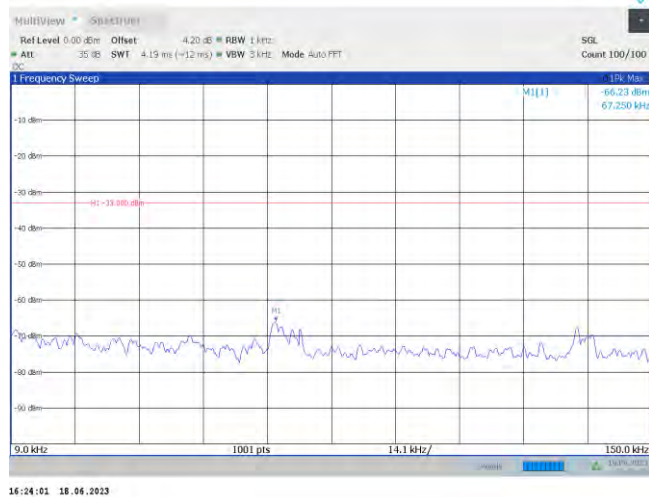


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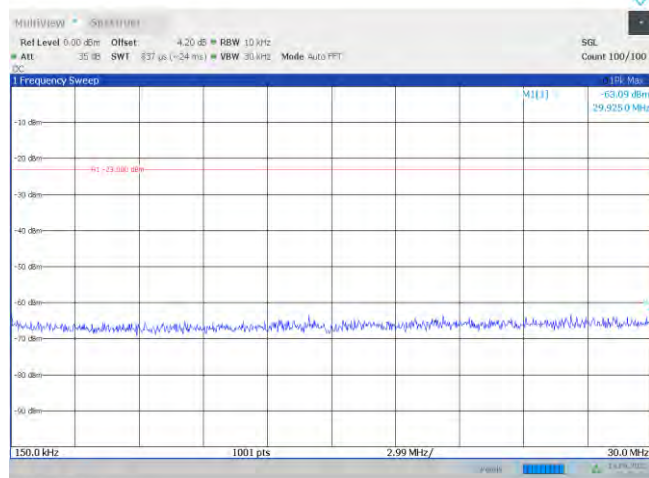
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Band66-20MHz-QPSK-132322-1RB#0-Range1:0.009~0.15MHz



16:24:01 18.06.2023

Band66-20MHz-QPSK-132322-1RB#0-Range2:0.15~30MHz

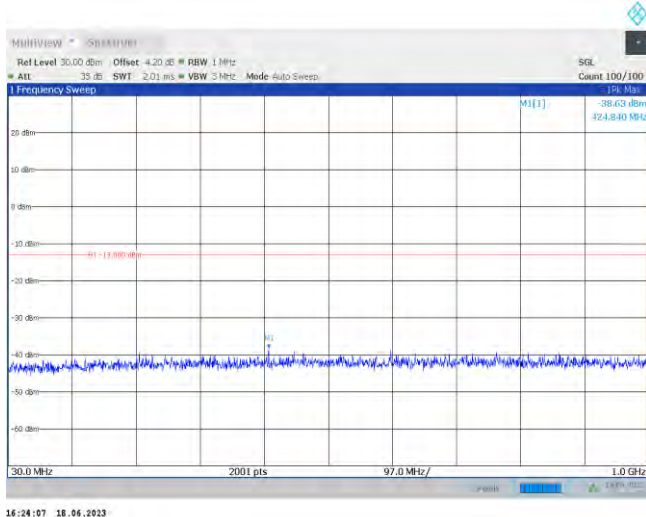


16:24:04 18.06.2023



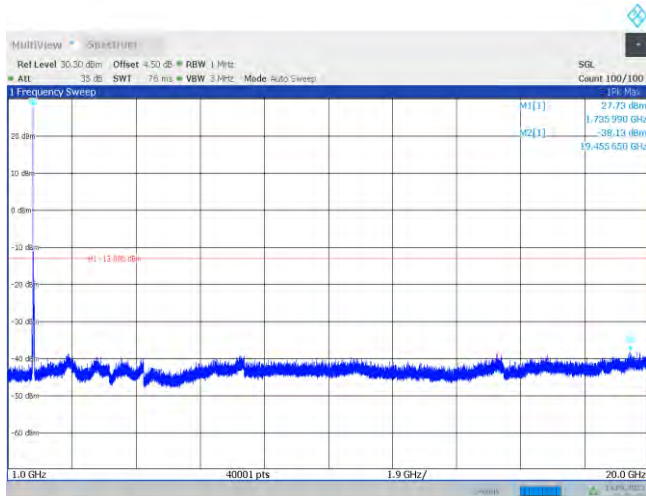
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Band66-20MHz-QPSK-132322-1RB#0-Range3:30~1000MHz



16:24:07 18.06.2023

Band66-20MHz-QPSK-132322-1RB#0-Range4:1000~20000MHz

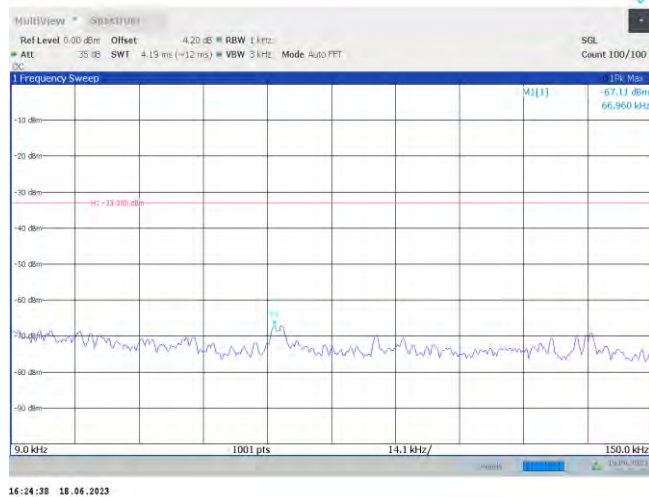


16:24:25 18.06.2023



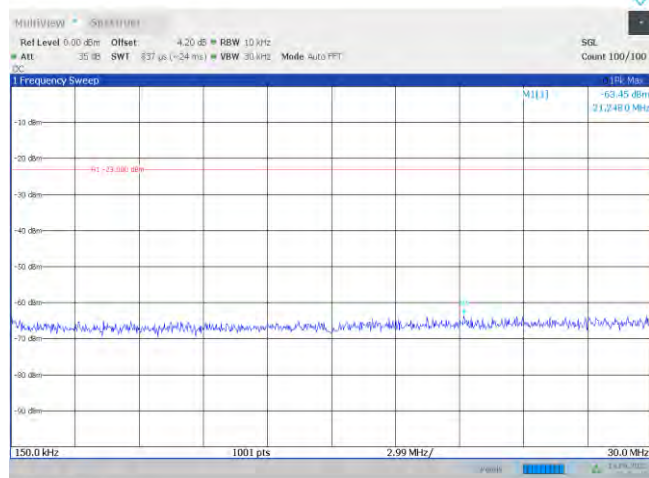
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Band66-20MHz-QPSK-132572-1RB#0-Range1:0.009~0.15MHz



16:24:38 18.06.2023

Band66-20MHz-QPSK-132572-1RB#0-Range2:0.15~30MHz

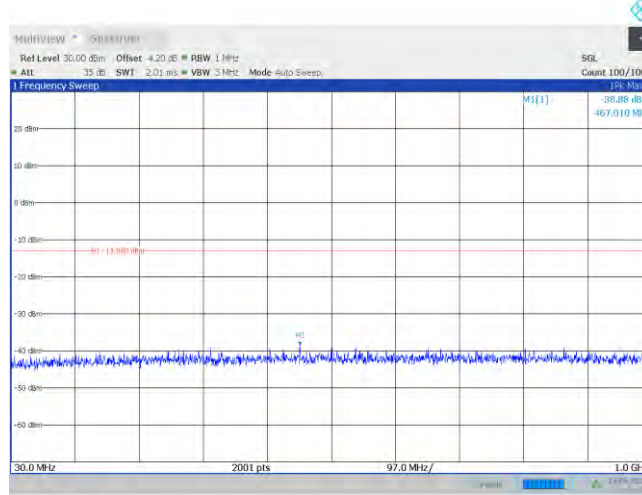


16:24:41 18.06.2023



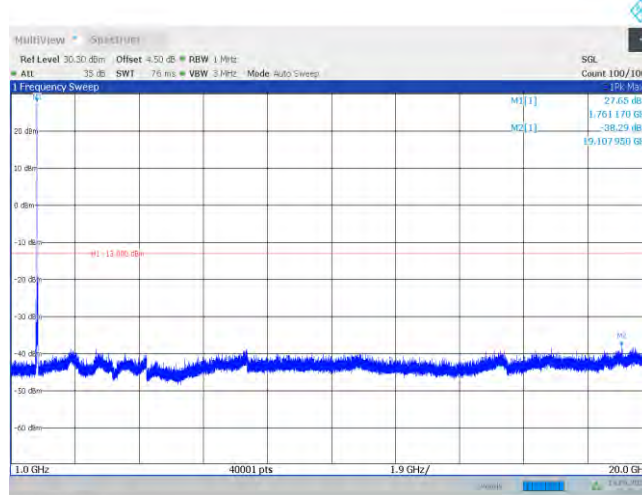
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Band66-20MHz-QPSK-132572-1RB#0-Range3:30~1000MHz



16:24:44 18.06.2023

Band66-20MHz-QPSK-132572-1RB#0-Range4:1000~20000MHz



16:25:02 18.06.2023



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## Field Strength of Spurious Radiation

Test Band = LTE Band66\_20MHz\_TM1

Test Channel = Low ANT0

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF [dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3492	60.20	-46.26	28.60	-52.73	-13.00	39.73	263	286	Horizontal
2	4935	42.51	-45.57	31.26	-67.06	-13.00	54.06	145	136	Horizontal
3	5875.5	42.42	-44.92	32.68	-65.08	-13.00	52.08	188	17	Horizontal
4	7745.25	40.91	-42.75	36.70	-60.41	-13.00	47.41	186	360	Horizontal
5	9897.75	37.57	-39.33	38.01	-59.02	-13.00	46.02	196	43	Horizontal
6	12489	34.91	-37.02	38.95	-58.42	-13.00	45.42	251	149	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF [dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3492	61.08	-46.26	28.60	-51.85	-13.00	38.85	154	285	Vertical
2	5238	48.06	-45.21	31.97	-60.44	-13.00	47.44	126	285	Vertical
3	6807	41.42	-44.17	34.85	-63.15	-13.00	50.15	255	239	Vertical
4	8799	39.32	-41.25	36.40	-60.79	-13.00	47.79	196	7	Vertical
5	10023	36.65	-39.21	38.21	-59.61	-13.00	46.61	188	240	Vertical
6	12740.25	35.35	-36.74	39.02	-57.63	-13.00	44.63	173	360	Vertical



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Test Band = LTE Band66\_20MHz\_TM1

Test Channel = Mid ANT0

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF [dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3492	60.62	-46.26	28.60	-52.31	-13.00	39.31	145	271	Horizontal
2	5238	45.36	-45.21	31.97	-63.14	-13.00	50.14	158	359	Horizontal
3	6795.75	41.82	-44.15	34.83	-62.76	-13.00	49.76	163	272	Horizontal
4	8092.5	39.16	-41.43	36.75	-60.78	-13.00	47.78	126	181	Horizontal
5	9323.25	38.61	-40.13	36.91	-59.87	-13.00	46.87	259	239	Horizontal
6	12673.5	34.94	-36.93	39.00	-58.25	-13.00	45.25	188	286	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF [dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3492	60.25	-46.26	28.60	-52.68	-13.00	39.68	145	272	Vertical
2	5238	47.72	-45.21	31.97	-60.78	-13.00	47.78	185	286	Vertical
3	7830.75	40.26	-42.47	36.73	-60.73	-13.00	47.73	172	14	Vertical
4	9323.25	38.52	-40.13	36.91	-59.96	-13.00	46.96	156	121	Vertical
5	11214.75	36.17	-37.39	38.72	-57.76	-13.00	44.76	199	300	Vertical
6	13333.5	34.62	-36.69	39.70	-57.63	-13.00	44.63	184	60	Vertical



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**Test Band = LTE Band66\_20MHz\_TM1**  
**Test Channel = High ANTO**

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF [dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4026.75	42.95	-45.97	29.16	-69.11	-13.00	56.11	155	271	Horizontal
2	4900.5	42.66	-45.53	31.18	-66.95	-13.00	53.95	142	117	Horizontal
3	6037.5	41.34	-44.69	32.82	-65.79	-13.00	52.79	186	344	Horizontal
4	7425	41.14	-43.34	36.39	-61.07	-13.00	48.07	144	103	Horizontal
5	9373.5	38.15	-39.93	37.01	-60.03	-13.00	47.03	173	26	Horizontal
6	11559	34.47	-37.07	38.76	-59.10	-13.00	46.10	259	0	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF [dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4239	42.27	-45.68	29.67	-69.00	-13.00	56.00	222	0	Vertical
2	6016.5	41.20	-44.77	32.75	-66.07	-13.00	53.07	203	2	Vertical
3	7038	40.98	-43.80	35.31	-62.77	-13.00	49.77	158	46	Vertical
4	8027.25	39.50	-42.08	36.79	-61.05	-13.00	48.05	126	212	Vertical
5	9638.25	37.08	-39.58	37.51	-60.25	-13.00	47.25	291	30	Vertical
6	12507	34.31	-37.00	38.95	-58.99	-13.00	45.99	180	0	Vertical



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Test Band = LTE Band66\_20MHz\_TM1

Test Channel = Low ANT1

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF [dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4386	41.86	-45.78	30.03	-69.15	-13.00	56.15	244	330	Horizontal
2	5217.75	41.46	-45.25	31.92	-67.12	-13.00	54.12	175	59	Horizontal
3	6452.25	40.84	-44.51	34.15	-64.79	-13.00	51.79	186	44	Horizontal
4	7427.25	40.55	-43.34	36.40	-61.65	-13.00	48.65	192	344	Horizontal
5	8809.5	38.81	-41.25	36.40	-61.30	-13.00	48.30	145	312	Horizontal
6	13694.25	33.56	-36.16	40.35	-57.51	-13.00	44.51	156	90	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF [dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4725.75	41.84	-45.58	30.80	-68.21	-13.00	55.21	248	8	Vertical
2	6092.25	41.40	-44.48	33.00	-65.34	-13.00	52.34	175	46	Vertical
3	7399.5	40.74	-43.41	36.32	-61.61	-13.00	48.61	189	30	Vertical
4	8334.75	39.22	-41.82	36.63	-61.22	-13.00	48.22	165	60	Vertical
5	9912	36.32	-39.32	38.03	-60.23	-13.00	47.23	199	4	Vertical
6	12322.5	33.56	-37.44	38.90	-60.25	-13.00	47.25	269	91	Vertical



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Test Band = LTE Band66\_20MHz\_TM1

Test Channel = Mid ANT1

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF [dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4133.25	41.66	-45.76	29.42	-69.94	-13.00	56.94	175	135	Horizontal
2	5042.25	41.85	-45.53	31.50	-67.43	-13.00	54.43	148	254	Horizontal
3	6487.5	40.74	-44.59	34.26	-64.85	-13.00	51.85	189	43	Horizontal
4	7425.75	40.49	-43.34	36.39	-61.72	-13.00	48.72	195	60	Horizontal
5	8760	39.03	-41.43	36.42	-61.24	-13.00	48.24	182	164	Horizontal
6	11842.5	33.13	-37.01	38.78	-60.35	-13.00	47.35	156	164	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF [dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3951	42.33	-46.16	29.05	-70.04	-13.00	57.04	184	195	Vertical
2	5034.75	41.54	-45.55	31.48	-67.78	-13.00	54.78	156	222	Vertical
3	5976.75	41.67	-44.86	32.70	-65.76	-13.00	52.76	256	59	Vertical
4	7313.25	40.09	-43.70	36.08	-62.80	-13.00	49.80	182	313	Vertical
5	9093	37.06	-40.40	36.48	-62.12	-13.00	49.12	173	239	Vertical
6	11850.75	31.98	-37.02	38.79	-61.52	-13.00	48.52	266	15	Vertical



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**Test Band = LTE Band66\_20MHz\_TM1**  
**Test Channel = High ANT1**

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF [dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4447.5	42.09	-45.77	30.17	-68.76	-13.00	55.76	248	135	Horizontal
2	5692.5	40.86	-44.87	32.64	-66.63	-13.00	53.63	156	0	Horizontal
3	6340.5	41.13	-44.49	33.79	-64.83	-13.00	51.83	126	358	Horizontal
4	7407	40.39	-43.39	36.34	-61.92	-13.00	48.92	165	31	Horizontal
5	8809.5	38.23	-41.25	36.40	-61.88	-13.00	48.88	259	195	Horizontal
6	10428	35.00	-38.95	38.41	-60.80	-13.00	47.80	192	360	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF [dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4571.25	41.96	-45.68	30.46	-68.52	-13.00	55.52	178	240	Vertical
2	6111	40.99	-44.48	33.06	-65.70	-13.00	52.70	185	44	Vertical
3	7409.25	40.18	-43.39	36.35	-62.12	-13.00	49.12	196	286	Vertical
4	8405.25	38.91	-41.46	36.60	-61.21	-13.00	48.21	158	122	Vertical
5	9822	35.64	-39.45	37.86	-61.21	-13.00	48.21	142	0	Vertical
6	12310.5	32.50	-37.43	38.89	-61.29	-13.00	48.29	183	0	Vertical

**Remark:**

1) The field strength is calculated by adding the Antenna Factor, Cable Factor & AMP. The basic equation with a sample calculation is as follows:

AF = Antenna Factor(dB/m)

Factor = Cable Factor(dB) - Preamplifier (dB)

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level



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## Frequency Stability

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band66	20MHz	QPSK	132322	100RB#0	VL	NT	-13.00	-0.007450	PASS
Band66	20MHz	QPSK	132322	100RB#0	VN	NT	0.80	0.000458	PASS
Band66	20MHz	QPSK	132322	100RB#0	VH	NT	-1.10	-0.000630	PASS

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band66	20MHz	QPSK	132322	100RB#0	NV	-30	0.10	0.000057	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	-20	-3.20	-0.001834	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	-10	-1.00	-0.000573	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	0	2.00	0.001146	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	10	2.20	0.001261	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	20	-1.10	-0.000630	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	30	0.70	0.000401	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	40	2.50	0.001433	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	50	-6.60	-0.003782	PASS

---End of Attachment---



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