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Appendix B.17

LTE Band 66



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Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
Band66	1.4MHz	QPSK	131979	1RB#0	22.32	22.34	33	PASS
Band66	1.4MHz	QPSK	131979	1RB#2	22.01	22.03	33	PASS
Band66	1.4MHz	QPSK	131979	1RB#5	21.98	22	33	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	21.57	21.59	33	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	22.58	22.6	33	PASS
Band66	1.4MHz	QPSK	132322	1RB#2	22	22.02	33	PASS
Band66	1.4MHz	QPSK	132322	1RB#5	21.98	22	33	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	21.63	21.65	33	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	22.59	22.61	33	PASS
Band66	1.4MHz	QPSK	132665	1RB#2	22.1	22.12	33	PASS
Band66	1.4MHz	QPSK	132665	1RB#5	22	22.02	33	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	21.73	21.75	33	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	21.64	21.66	33	PASS
Band66	1.4MHz	16QAM	131979	1RB#2	21.8	21.82	33	PASS
Band66	1.4MHz	16QAM	131979	1RB#5	21.69	21.71	33	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	20.53	20.55	33	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	21.73	21.75	33	PASS
Band66	1.4MHz	16QAM	132322	1RB#2	21.87	21.89	33	PASS
Band66	1.4MHz	16QAM	132322	1RB#5	21.73	21.75	33	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	20.69	20.71	33	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	21.77	21.79	33	PASS
Band66	1.4MHz	16QAM	132665	1RB#2	21.87	21.89	33	PASS
Band66	1.4MHz	16QAM	132665	1RB#5	21.7	21.72	33	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	20.64	20.66	33	PASS
Band66	1.4MHz	64QAM	131979	1RB#0	20.69	20.71	33	PASS
Band66	1.4MHz	64QAM	131979	1RB#2	20.77	20.79	33	PASS
Band66	1.4MHz	64QAM	131979	1RB#5	20.79	20.81	33	PASS



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Band66	1.4MHz	64QAM	131979	6RB#0	19.64	19.66	33	PASS
Band66	1.4MHz	64QAM	132322	1RB#0	20.79	20.81	33	PASS
Band66	1.4MHz	64QAM	132322	1RB#2	20.88	20.9	33	PASS
Band66	1.4MHz	64QAM	132322	1RB#5	20.82	20.84	33	PASS
Band66	1.4MHz	64QAM	132322	6RB#0	19.6	19.62	33	PASS
Band66	1.4MHz	64QAM	132665	1RB#0	21	21.02	33	PASS
Band66	1.4MHz	64QAM	132665	1RB#2	20.72	20.74	33	PASS
Band66	1.4MHz	64QAM	132665	1RB#5	20.82	20.84	33	PASS
Band66	1.4MHz	64QAM	132665	6RB#0	19.65	19.67	33	PASS
Band66	1.4MHz	256QAM	131979	1RB#0	17.52	17.54	33	PASS
Band66	1.4MHz	256QAM	131979	1RB#2	17.59	17.61	33	PASS
Band66	1.4MHz	256QAM	131979	1RB#5	17.63	17.65	33	PASS
Band66	1.4MHz	256QAM	131979	6RB#0	17.52	17.54	33	PASS
Band66	1.4MHz	256QAM	132322	1RB#0	17.59	17.61	33	PASS
Band66	1.4MHz	256QAM	132322	1RB#2	17.61	17.63	33	PASS
Band66	1.4MHz	256QAM	132322	1RB#5	17.71	17.73	33	PASS
Band66	1.4MHz	256QAM	132322	6RB#0	17.55	17.57	33	PASS
Band66	1.4MHz	256QAM	132665	1RB#0	17.73	17.75	33	PASS
Band66	1.4MHz	256QAM	132665	1RB#2	17.71	17.73	33	PASS
Band66	1.4MHz	256QAM	132665	1RB#5	17.7	17.72	33	PASS
Band66	1.4MHz	256QAM	132665	6RB#0	17.55	17.57	33	PASS
Band66	3MHz	QPSK	131987	1RB#0	22.52	22.54	33	PASS
Band66	3MHz	QPSK	131987	1RB#8	21.88	21.9	33	PASS
Band66	3MHz	QPSK	131987	1RB#14	22.01	22.03	33	PASS
Band66	3MHz	QPSK	131987	15RB#0	21.59	21.61	33	PASS
Band66	3MHz	QPSK	132322	1RB#0	22.63	22.65	33	PASS
Band66	3MHz	QPSK	132322	1RB#8	21.98	22	33	PASS
Band66	3MHz	QPSK	132322	1RB#14	21.98	22	33	PASS
Band66	3MHz	QPSK	132322	15RB#0	21.64	21.66	33	PASS
Band66	3MHz	QPSK	132657	1RB#0	19.35	19.37	33	PASS
Band66	3MHz	QPSK	132657	1RB#8	22.03	22.05	33	PASS
Band66	3MHz	QPSK	132657	1RB#14	21.99	22.01	33	PASS



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Band66	3MHz	QPSK	132657	15RB#0	21.65	21.67	33	PASS
Band66	3MHz	16QAM	131987	1RB#0	21.72	21.74	33	PASS
Band66	3MHz	16QAM	131987	1RB#8	21.69	21.71	33	PASS
Band66	3MHz	16QAM	131987	1RB#14	21.66	21.68	33	PASS
Band66	3MHz	16QAM	131987	15RB#0	20.54	20.56	33	PASS
Band66	3MHz	16QAM	132322	1RB#0	21.75	21.77	33	PASS
Band66	3MHz	16QAM	132322	1RB#8	21.75	21.77	33	PASS
Band66	3MHz	16QAM	132322	1RB#14	21.7	21.72	33	PASS
Band66	3MHz	16QAM	132322	15RB#0	20.6	20.62	33	PASS
Band66	3MHz	16QAM	132657	1RB#0	21.73	21.75	33	PASS
Band66	3MHz	16QAM	132657	1RB#8	21.77	21.79	33	PASS
Band66	3MHz	16QAM	132657	1RB#14	21.72	21.74	33	PASS
Band66	3MHz	16QAM	132657	15RB#0	20.69	20.71	33	PASS
Band66	3MHz	64QAM	131987	1RB#0	20.74	20.76	33	PASS
Band66	3MHz	64QAM	131987	1RB#8	20.72	20.74	33	PASS
Band66	3MHz	64QAM	131987	1RB#14	20.71	20.73	33	PASS
Band66	3MHz	64QAM	131987	15RB#0	19.58	19.6	33	PASS
Band66	3MHz	64QAM	132322	1RB#0	20.75	20.77	33	PASS
Band66	3MHz	64QAM	132322	1RB#8	20.77	20.79	33	PASS
Band66	3MHz	64QAM	132322	1RB#14	20.87	20.89	33	PASS
Band66	3MHz	64QAM	132322	15RB#0	19.59	19.61	33	PASS
Band66	3MHz	64QAM	132657	1RB#0	20.73	20.75	33	PASS
Band66	3MHz	64QAM	132657	1RB#8	20.7	20.72	33	PASS
Band66	3MHz	64QAM	132657	1RB#14	20.87	20.89	33	PASS
Band66	3MHz	64QAM	132657	15RB#0	19.67	19.69	33	PASS
Band66	3MHz	256QAM	131987	1RB#0	17.58	17.6	33	PASS
Band66	3MHz	256QAM	131987	1RB#8	17.59	17.61	33	PASS
Band66	3MHz	256QAM	131987	1RB#14	17.61	17.63	33	PASS
Band66	3MHz	256QAM	131987	15RB#0	17.48	17.5	33	PASS
Band66	3MHz	256QAM	132322	1RB#0	17.76	17.78	33	PASS
Band66	3MHz	256QAM	132322	1RB#8	17.7	17.72	33	PASS
Band66	3MHz	256QAM	132322	1RB#14	17.65	17.67	33	PASS



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Band66	3MHz	256QAM	132322	15RB#0	17.57	17.59	33	PASS
Band66	3MHz	256QAM	132657	1RB#0	17.67	17.69	33	PASS
Band66	3MHz	256QAM	132657	1RB#8	17.69	17.71	33	PASS
Band66	3MHz	256QAM	132657	1RB#14	17.63	17.65	33	PASS
Band66	3MHz	256QAM	132657	15RB#0	17.69	17.71	33	PASS
Band66	5MHz	QPSK	131997	1RB#0	22.32	22.34	33	PASS
Band66	5MHz	QPSK	131997	1RB#12	22.2	22.22	33	PASS
Band66	5MHz	QPSK	131997	1RB#24	22.12	22.14	33	PASS
Band66	5MHz	QPSK	131997	25RB#0	21.62	21.64	33	PASS
Band66	5MHz	QPSK	132322	1RB#0	22.15	22.17	33	PASS
Band66	5MHz	QPSK	132322	1RB#12	22.06	22.08	33	PASS
Band66	5MHz	QPSK	132322	1RB#24	22.14	22.16	33	PASS
Band66	5MHz	QPSK	132322	25RB#0	21.75	21.77	33	PASS
Band66	5MHz	QPSK	132647	1RB#0	22.69	22.71	33	PASS
Band66	5MHz	QPSK	132647	1RB#12	22.18	22.2	33	PASS
Band66	5MHz	QPSK	132647	1RB#24	22.16	22.18	33	PASS
Band66	5MHz	QPSK	132647	25RB#0	21.76	21.78	33	PASS
Band66	5MHz	16QAM	131997	1RB#0	21.72	21.74	33	PASS
Band66	5MHz	16QAM	131997	1RB#12	21.73	21.75	33	PASS
Band66	5MHz	16QAM	131997	1RB#24	21.79	21.81	33	PASS
Band66	5MHz	16QAM	131997	25RB#0	20.61	20.63	33	PASS
Band66	5MHz	16QAM	132322	1RB#0	21.85	21.87	33	PASS
Band66	5MHz	16QAM	132322	1RB#12	21.82	21.84	33	PASS
Band66	5MHz	16QAM	132322	1RB#24	21.91	21.93	33	PASS
Band66	5MHz	16QAM	132322	25RB#0	20.64	20.66	33	PASS
Band66	5MHz	16QAM	132647	1RB#0	21.72	21.74	33	PASS
Band66	5MHz	16QAM	132647	1RB#12	21.89	21.91	33	PASS
Band66	5MHz	16QAM	132647	1RB#24	21.82	21.84	33	PASS
Band66	5MHz	16QAM	132647	25RB#0	20.62	20.64	33	PASS
Band66	5MHz	64QAM	131997	1RB#0	20.71	20.73	33	PASS
Band66	5MHz	64QAM	131997	1RB#12	20.79	20.81	33	PASS
Band66	5MHz	64QAM	131997	1RB#24	20.68	20.7	33	PASS



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Band66	5MHz	64QAM	131997	25RB#0	19.57	19.59	33	PASS
Band66	5MHz	64QAM	132322	1RB#0	20.81	20.83	33	PASS
Band66	5MHz	64QAM	132322	1RB#12	20.81	20.83	33	PASS
Band66	5MHz	64QAM	132322	1RB#24	20.91	20.93	33	PASS
Band66	5MHz	64QAM	132322	25RB#0	19.6	19.62	33	PASS
Band66	5MHz	64QAM	132647	1RB#0	20.86	20.88	33	PASS
Band66	5MHz	64QAM	132647	1RB#12	20.88	20.9	33	PASS
Band66	5MHz	64QAM	132647	1RB#24	20.89	20.91	33	PASS
Band66	5MHz	64QAM	132647	25RB#0	19.68	19.7	33	PASS
Band66	5MHz	256QAM	131997	1RB#0	17.62	17.64	33	PASS
Band66	5MHz	256QAM	131997	1RB#12	17.61	17.63	33	PASS
Band66	5MHz	256QAM	131997	1RB#24	17.63	17.65	33	PASS
Band66	5MHz	256QAM	131997	25RB#0	17.55	17.57	33	PASS
Band66	5MHz	256QAM	132322	1RB#0	17.74	17.76	33	PASS
Band66	5MHz	256QAM	132322	1RB#12	17.62	17.64	33	PASS
Band66	5MHz	256QAM	132322	1RB#24	17.8	17.82	33	PASS
Band66	5MHz	256QAM	132322	25RB#0	17.55	17.57	33	PASS
Band66	5MHz	256QAM	132647	1RB#0	17.68	17.7	33	PASS
Band66	5MHz	256QAM	132647	1RB#12	17.68	17.7	33	PASS
Band66	5MHz	256QAM	132647	1RB#24	17.69	17.71	33	PASS
Band66	5MHz	256QAM	132647	25RB#0	17.58	17.6	33	PASS
Band66	10MHz	QPSK	132022	1RB#0	22.12	22.14	33	PASS
Band66	10MHz	QPSK	132022	1RB#24	22.05	22.07	33	PASS
Band66	10MHz	QPSK	132022	1RB#49	21.99	22.01	33	PASS
Band66	10MHz	QPSK	132022	50RB#0	21.64	21.66	33	PASS
Band66	10MHz	QPSK	132322	1RB#0	22.36	22.38	33	PASS
Band66	10MHz	QPSK	132322	1RB#24	22.07	22.09	33	PASS
Band66	10MHz	QPSK	132322	1RB#49	22.16	22.18	33	PASS
Band66	10MHz	QPSK	132322	50RB#0	21.7	21.72	33	PASS
Band66	10MHz	QPSK	132622	1RB#0	22	22.02	33	PASS
Band66	10MHz	QPSK	132622	1RB#24	22.04	22.06	33	PASS
Band66	10MHz	QPSK	132622	1RB#49	22.16	22.18	33	PASS



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Band66	10MHz	QPSK	132622	50RB#0	21.66	21.68	33	PASS
Band66	10MHz	16QAM	132022	1RB#0	21.78	21.8	33	PASS
Band66	10MHz	16QAM	132022	1RB#24	21.71	21.73	33	PASS
Band66	10MHz	16QAM	132022	1RB#49	21.76	21.78	33	PASS
Band66	10MHz	16QAM	132022	50RB#0	20.68	20.7	33	PASS
Band66	10MHz	16QAM	132322	1RB#0	21.72	21.74	33	PASS
Band66	10MHz	16QAM	132322	1RB#24	21.75	21.77	33	PASS
Band66	10MHz	16QAM	132322	1RB#49	21.84	21.86	33	PASS
Band66	10MHz	16QAM	132322	50RB#0	20.69	20.71	33	PASS
Band66	10MHz	16QAM	132622	1RB#0	21.73	21.75	33	PASS
Band66	10MHz	16QAM	132622	1RB#24	21.88	21.9	33	PASS
Band66	10MHz	16QAM	132622	1RB#49	21.78	21.8	33	PASS
Band66	10MHz	16QAM	132622	50RB#0	20.64	20.66	33	PASS
Band66	10MHz	64QAM	132022	1RB#0	20.81	20.83	33	PASS
Band66	10MHz	64QAM	132022	1RB#24	20.81	20.83	33	PASS
Band66	10MHz	64QAM	132022	1RB#49	20.79	20.81	33	PASS
Band66	10MHz	64QAM	132022	50RB#0	19.62	19.64	33	PASS
Band66	10MHz	64QAM	132322	1RB#0	20.74	20.76	33	PASS
Band66	10MHz	64QAM	132322	1RB#24	20.85	20.87	33	PASS
Band66	10MHz	64QAM	132322	1RB#49	20.82	20.84	33	PASS
Band66	10MHz	64QAM	132322	50RB#0	19.66	19.68	33	PASS
Band66	10MHz	64QAM	132622	1RB#0	20.8	20.82	33	PASS
Band66	10MHz	64QAM	132622	1RB#24	20.82	20.84	33	PASS
Band66	10MHz	64QAM	132622	1RB#49	20.79	20.81	33	PASS
Band66	10MHz	64QAM	132622	50RB#0	19.69	19.71	33	PASS
Band66	10MHz	256QAM	132022	1RB#0	17.64	17.66	33	PASS
Band66	10MHz	256QAM	132022	1RB#24	17.66	17.68	33	PASS
Band66	10MHz	256QAM	132022	1RB#49	17.61	17.63	33	PASS
Band66	10MHz	256QAM	132022	50RB#0	17.6	17.62	33	PASS
Band66	10MHz	256QAM	132322	1RB#0	17.75	17.77	33	PASS
Band66	10MHz	256QAM	132322	1RB#24	17.67	17.69	33	PASS
Band66	10MHz	256QAM	132322	1RB#49	17.79	17.81	33	PASS



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Band66	10MHz	256QAM	132322	50RB#0	17.64	17.66	33	PASS
Band66	10MHz	256QAM	132622	1RB#0	17.71	17.73	33	PASS
Band66	10MHz	256QAM	132622	1RB#24	17.66	17.68	33	PASS
Band66	10MHz	256QAM	132622	1RB#49	17.76	17.78	33	PASS
Band66	10MHz	256QAM	132622	50RB#0	17.58	17.6	33	PASS
Band66	15MHz	QPSK	132047	1RB#0	21.94	21.96	33	PASS
Band66	15MHz	QPSK	132047	1RB#38	21.91	21.93	33	PASS
Band66	15MHz	QPSK	132047	1RB#74	21.97	21.99	33	PASS
Band66	15MHz	QPSK	132047	75RB#0	21.63	21.65	33	PASS
Band66	15MHz	QPSK	132322	1RB#0	22.06	22.08	33	PASS
Band66	15MHz	QPSK	132322	1RB#38	22.03	22.05	33	PASS
Band66	15MHz	QPSK	132322	1RB#74	22.11	22.13	33	PASS
Band66	15MHz	QPSK	132322	75RB#0	21.66	21.68	33	PASS
Band66	15MHz	QPSK	132597	1RB#0	22.04	22.06	33	PASS
Band66	15MHz	QPSK	132597	1RB#38	22	22.02	33	PASS
Band66	15MHz	QPSK	132597	1RB#74	22.04	22.06	33	PASS
Band66	15MHz	QPSK	132597	75RB#0	21.68	21.7	33	PASS
Band66	15MHz	16QAM	132047	1RB#0	21.69	21.71	33	PASS
Band66	15MHz	16QAM	132047	1RB#38	21.67	21.69	33	PASS
Band66	15MHz	16QAM	132047	1RB#74	21.71	21.73	33	PASS
Band66	15MHz	16QAM	132047	75RB#0	20.57	20.59	33	PASS
Band66	15MHz	16QAM	132322	1RB#0	21.65	21.67	33	PASS
Band66	15MHz	16QAM	132322	1RB#38	21.85	21.87	33	PASS
Band66	15MHz	16QAM	132322	1RB#74	21.89	21.91	33	PASS
Band66	15MHz	16QAM	132322	75RB#0	20.66	20.68	33	PASS
Band66	15MHz	16QAM	132597	1RB#0	21.69	21.71	33	PASS
Band66	15MHz	16QAM	132597	1RB#38	21.82	21.84	33	PASS
Band66	15MHz	16QAM	132597	1RB#74	21.84	21.86	33	PASS
Band66	15MHz	16QAM	132597	75RB#0	20.68	20.7	33	PASS
Band66	15MHz	64QAM	132047	1RB#0	20.73	20.75	33	PASS
Band66	15MHz	64QAM	132047	1RB#38	20.69	20.71	33	PASS
Band66	15MHz	64QAM	132047	1RB#74	20.78	20.8	33	PASS



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Band66	15MHz	64QAM	132322	1RB#0	20.79	20.81	33	PASS
Band66	15MHz	64QAM	132322	1RB#38	20.83	20.85	33	PASS
Band66	15MHz	64QAM	132322	1RB#74	20.89	20.91	33	PASS
Band66	15MHz	64QAM	132322	75RB#0	19.64	19.66	33	PASS
Band66	15MHz	64QAM	132597	1RB#0	20.77	20.79	33	PASS
Band66	15MHz	64QAM	132597	1RB#38	20.82	20.84	33	PASS
Band66	15MHz	64QAM	132597	1RB#74	20.84	20.86	33	PASS
Band66	15MHz	64QAM	132597	75RB#0	19.66	19.68	33	PASS
Band66	15MHz	256QAM	132047	1RB#0	17.47	17.49	33	PASS
Band66	15MHz	256QAM	132047	1RB#38	17.58	17.6	33	PASS
Band66	15MHz	256QAM	132047	1RB#74	17.65	17.67	33	PASS
Band66	15MHz	256QAM	132047	75RB#0	17.55	17.57	33	PASS
Band66	15MHz	256QAM	132322	1RB#0	17.52	17.54	33	PASS
Band66	15MHz	256QAM	132322	1RB#38	17.69	17.71	33	PASS
Band66	15MHz	256QAM	132322	1RB#74	17.72	17.74	33	PASS
Band66	15MHz	256QAM	132322	75RB#0	17.54	17.56	33	PASS
Band66	15MHz	256QAM	132597	1RB#0	17.69	17.71	33	PASS
Band66	15MHz	256QAM	132597	1RB#38	17.64	17.66	33	PASS
Band66	15MHz	256QAM	132597	1RB#74	17.72	17.74	33	PASS
Band66	15MHz	256QAM	132597	75RB#0	17.61	17.63	33	PASS
Band66	20MHz	QPSK	132072	1RB#0	22.12	22.14	33	PASS
Band66	20MHz	QPSK	132072	1RB#49	21.95	21.97	33	PASS
Band66	20MHz	QPSK	132072	1RB#99	22	22.02	33	PASS
Band66	20MHz	QPSK	132072	100RB#0	21.6	21.62	33	PASS
Band66	20MHz	QPSK	132322	1RB#0	22.32	22.34	33	PASS
Band66	20MHz	QPSK	132322	1RB#49	22.02	22.04	33	PASS
Band66	20MHz	QPSK	132322	1RB#99	22.09	22.11	33	PASS
Band66	20MHz	QPSK	132322	100RB#0	21.72	21.74	33	PASS
Band66	20MHz	QPSK	132572	1RB#0	22.52	22.54	33	PASS
Band66	20MHz	QPSK	132572	1RB#49	21.95	21.97	33	PASS
Band66	20MHz	QPSK	132572	1RB#99	22.04	22.06	33	PASS



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Band66	20MHz	QPSK	132572	100RB#0	21.74	21.76	33	PASS
Band66	20MHz	16QAM	132072	1RB#0	21.64	21.66	33	PASS
Band66	20MHz	16QAM	132072	1RB#49	21.67	21.69	33	PASS
Band66	20MHz	16QAM	132072	1RB#99	21.72	21.74	33	PASS
Band66	20MHz	16QAM	132072	100RB#0	20.62	20.64	33	PASS
Band66	20MHz	16QAM	132322	1RB#0	21.66	21.68	33	PASS
Band66	20MHz	16QAM	132322	1RB#49	21.82	21.84	33	PASS
Band66	20MHz	16QAM	132322	1RB#99	21.83	21.85	33	PASS
Band66	20MHz	16QAM	132322	100RB#0	20.72	20.74	33	PASS
Band66	20MHz	16QAM	132572	1RB#0	21.67	21.69	33	PASS
Band66	20MHz	16QAM	132572	1RB#49	21.83	21.85	33	PASS
Band66	20MHz	16QAM	132572	1RB#99	21.88	21.9	33	PASS
Band66	20MHz	16QAM	132572	100RB#0	20.69	20.71	33	PASS
Band66	20MHz	64QAM	132072	1RB#0	20.63	20.65	33	PASS
Band66	20MHz	64QAM	132072	1RB#49	20.69	20.71	33	PASS
Band66	20MHz	64QAM	132072	1RB#99	20.75	20.77	33	PASS
Band66	20MHz	64QAM	132072	100RB#0	19.61	19.63	33	PASS
Band66	20MHz	64QAM	132322	1RB#0	20.59	20.61	33	PASS
Band66	20MHz	64QAM	132322	1RB#49	20.78	20.8	33	PASS
Band66	20MHz	64QAM	132322	1RB#99	20.94	20.96	33	PASS
Band66	20MHz	64QAM	132322	100RB#0	19.63	19.65	33	PASS
Band66	20MHz	64QAM	132572	1RB#0	20.71	20.73	33	PASS
Band66	20MHz	64QAM	132572	1RB#49	20.91	20.93	33	PASS
Band66	20MHz	64QAM	132572	1RB#99	20.86	20.88	33	PASS
Band66	20MHz	64QAM	132572	100RB#0	19.62	19.64	33	PASS
Band66	20MHz	256QAM	132072	1RB#0	17.49	17.51	33	PASS
Band66	20MHz	256QAM	132072	1RB#49	17.52	17.54	33	PASS
Band66	20MHz	256QAM	132072	1RB#99	17.63	17.65	33	PASS
Band66	20MHz	256QAM	132072	100RB#0	17.56	17.58	33	PASS
Band66	20MHz	256QAM	132322	1RB#0	17.57	17.59	33	PASS
Band66	20MHz	256QAM	132322	1RB#49	17.69	17.71	33	PASS
Band66	20MHz	256QAM	132322	1RB#99	17.72	17.74	33	PASS



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Band66	20MHz	256QAM	132322	100RB#0	17.61	17.63	33	PASS
Band66	20MHz	256QAM	132572	1RB#0	17.58	17.6	33	PASS
Band66	20MHz	256QAM	132572	1RB#49	17.69	17.71	33	PASS
Band66	20MHz	256QAM	132572	1RB#99	17.72	17.74	33	PASS
Band66	20MHz	256QAM	132572	100RB#0	17.65	17.67	33	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	5.70	13	PASS
Band66	20MHz	QPSK	132322	100RB#0	5.80	13	PASS
Band66	20MHz	QPSK	132572	100RB#0	5.66	13	PASS
Band66	20MHz	16QAM	132072	100RB#0	6.36	13	PASS
Band66	20MHz	16QAM	132322	100RB#0	6.26	13	PASS
Band66	20MHz	16QAM	132572	100RB#0	6.14	13	PASS
Band66	20MHz	64QAM	132072	100RB#0	6.62	13	PASS
Band66	20MHz	64QAM	132322	100RB#0	6.48	13	PASS
Band66	20MHz	64QAM	132572	100RB#0	6.44	13	PASS
Band66	20MHz	256QAM	132072	100RB#0	6.68	13	PASS
Band66	20MHz	256QAM	132322	100RB#0	6.58	13	PASS
Band66	20MHz	256QAM	132572	100RB#0	6.52	13	PASS



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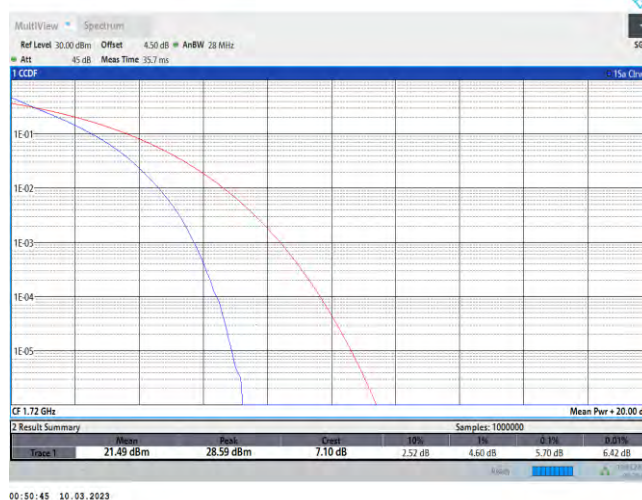
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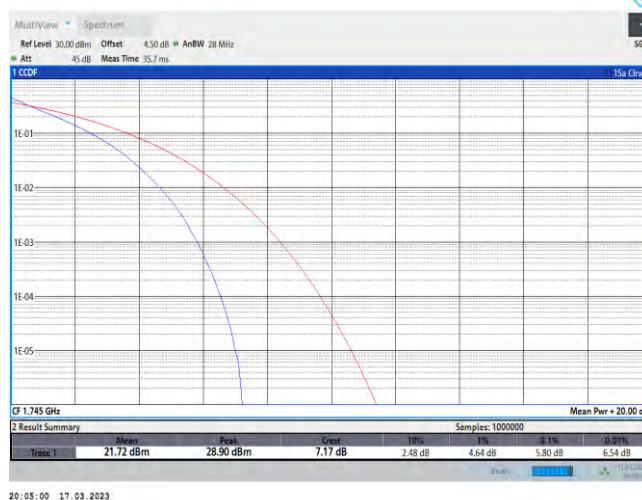
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Test Graphs

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



Band66-20MHz-QPSK-132322-100RB#0



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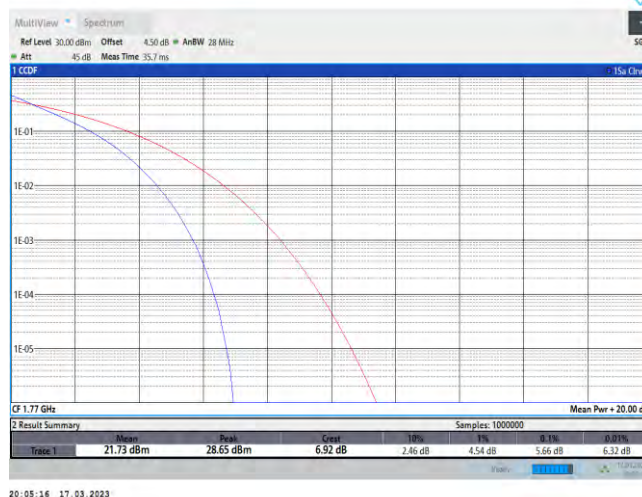
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Band66-20MHz-QPSK-132572-100RB#0



20:05:16 17.03.2023

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



00:51:01 10.03.2023



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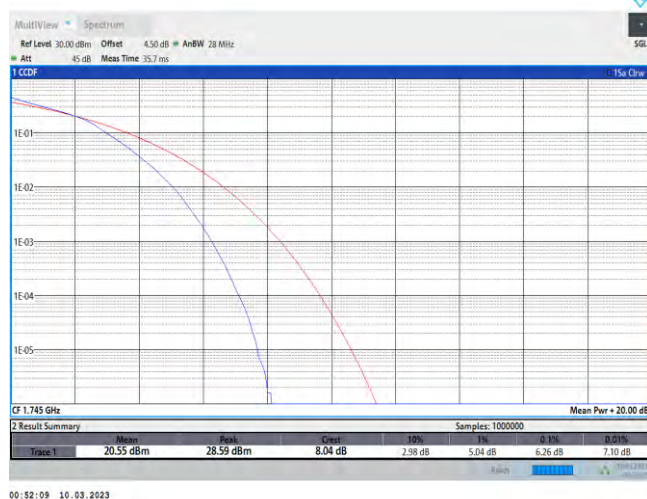
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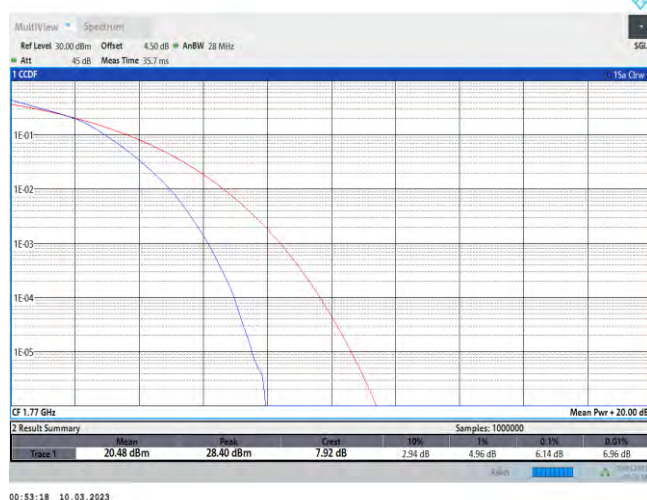
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Band66-20MHz-16QAM-132322-100RB#0



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



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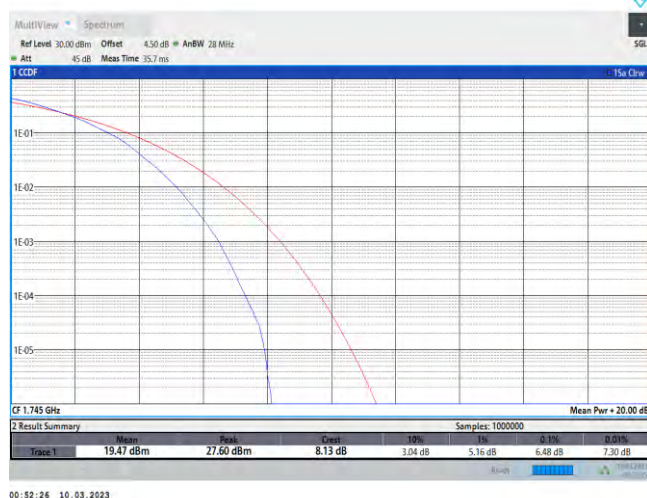
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Band66-20MHz-64QAM-132072-100RB#0



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



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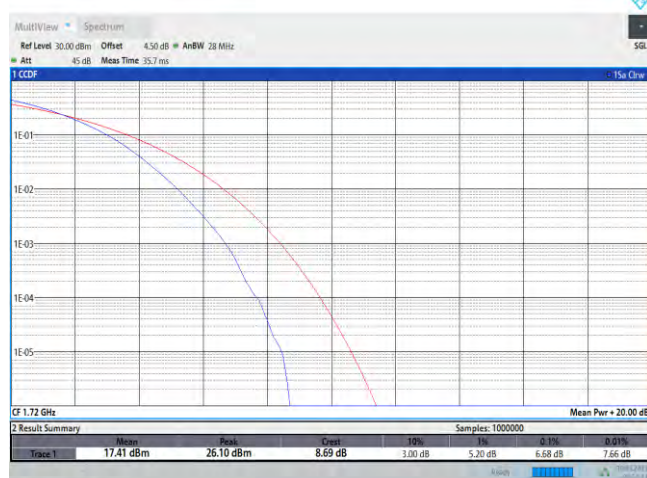
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Band66-20MHz-256QAM-132072-100RB#0



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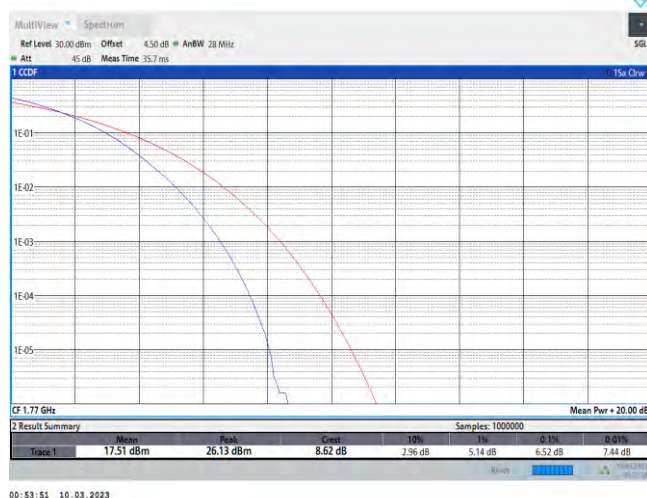
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Band66-20MHz-256QAM-132322-100RB#0



Band66-20MHz-256QAM-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
Band66	20MHz	256QAM	132322	100RB#0	PASS	PASS



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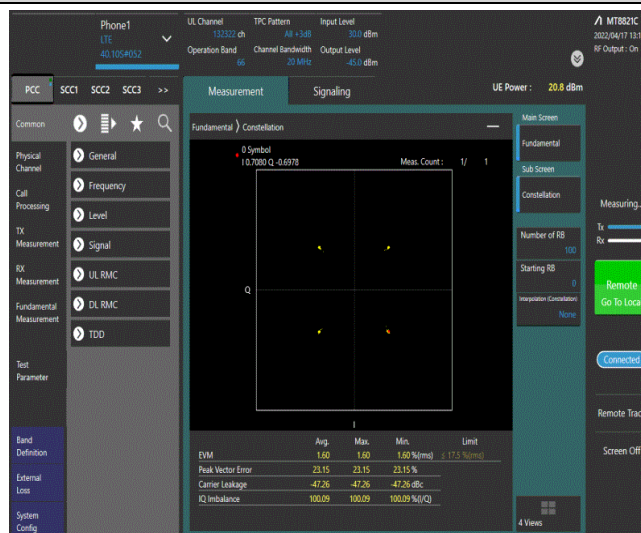
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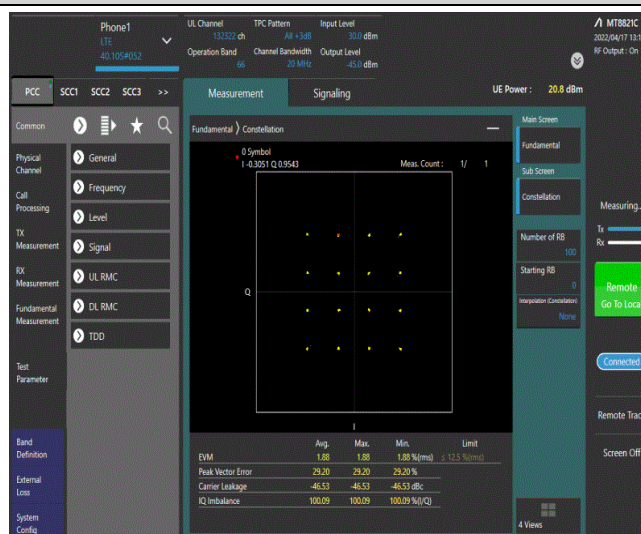
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Test Graphs

Band66-20MHz-QPSK-132322-100RB#0



Band66-20MHz-16QAM-132322-100RB#0



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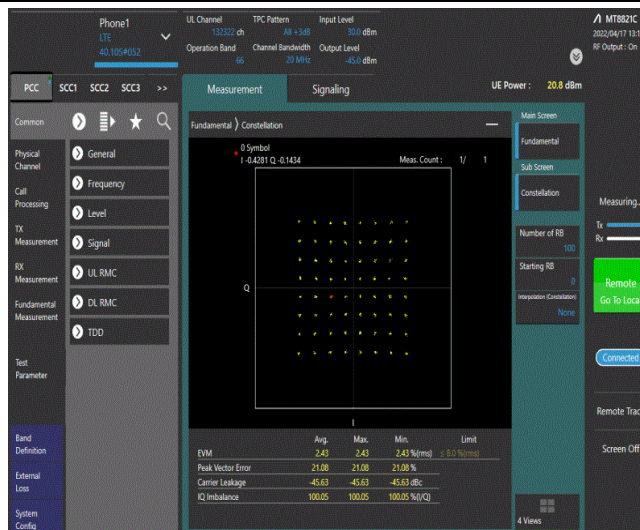
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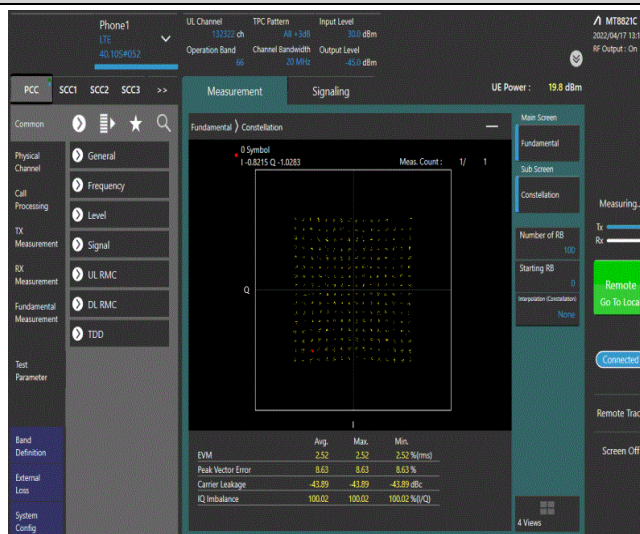
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Band66-20MHz-64QAM-132322-100RB#0



Band66-20MHz-256QAM-132322-100RB#0



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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	1.095	1.28	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	1.092	1.28	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	1.096	1.29	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	1.094	1.31	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	1.094	1.31	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	1.095	1.31	PASS
Band66	1.4MHz	64QAM	131979	6RB#0	1.095	1.31	PASS
Band66	1.4MHz	64QAM	132322	6RB#0	1.097	1.31	PASS
Band66	1.4MHz	64QAM	132665	6RB#0	1.096	1.31	PASS
Band66	1.4MHz	256QAM	131979	6RB#0	1.087	1.29	PASS
Band66	1.4MHz	256QAM	132322	6RB#0	1.088	1.29	PASS
Band66	1.4MHz	256QAM	132665	6RB#0	1.089	1.29	PASS
Band66	3MHz	QPSK	131987	15RB#0	2.695	2.95	PASS
Band66	3MHz	QPSK	132322	15RB#0	2.696	2.95	PASS
Band66	3MHz	QPSK	132657	15RB#0	2.697	2.95	PASS
Band66	3MHz	16QAM	131987	15RB#0	2.689	2.93	PASS
Band66	3MHz	16QAM	132322	15RB#0	2.691	2.93	PASS
Band66	3MHz	16QAM	132657	15RB#0	2.693	2.95	PASS
Band66	3MHz	64QAM	131987	15RB#0	2.691	2.93	PASS
Band66	3MHz	64QAM	132322	15RB#0	2.692	2.93	PASS
Band66	3MHz	64QAM	132657	15RB#0	2.694	2.93	PASS
Band66	3MHz	256QAM	131987	15RB#0	2.685	2.95	PASS
Band66	3MHz	256QAM	132322	15RB#0	2.692	2.94	PASS
Band66	3MHz	256QAM	132657	15RB#0	2.693	2.95	PASS
Band66	5MHz	QPSK	131997	25RB#0	4.466	4.86	PASS
Band66	5MHz	QPSK	132322	25RB#0	4.465	4.85	PASS
Band66	5MHz	QPSK	132647	25RB#0	4.465	4.86	PASS
Band66	5MHz	16QAM	131997	25RB#0	4.463	4.84	PASS
Band66	5MHz	16QAM	132322	25RB#0	4.465	4.85	PASS
Band66	5MHz	16QAM	132647	25RB#0	4.466	4.84	PASS
Band66	5MHz	64QAM	131997	25RB#0	4.469	4.87	PASS



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Band66	5MHz	64QAM	132647	25RB#0	4.472	4.86	PASS
Band66	5MHz	256QAM	131997	25RB#0	4.468	4.83	PASS
Band66	5MHz	256QAM	132322	25RB#0	4.47	4.86	PASS
Band66	5MHz	256QAM	132647	25RB#0	4.468	4.85	PASS
Band66	10MHz	QPSK	132022	50RB#0	8.93	9.62	PASS
Band66	10MHz	QPSK	132322	50RB#0	8.924	9.60	PASS
Band66	10MHz	QPSK	132622	50RB#0	8.93	9.64	PASS
Band66	10MHz	16QAM	132022	50RB#0	8.922	9.64	PASS
Band66	10MHz	16QAM	132322	50RB#0	8.922	9.72	PASS
Band66	10MHz	16QAM	132622	50RB#0	8.932	9.74	PASS
Band66	10MHz	64QAM	132022	50RB#0	8.943	9.64	PASS
Band66	10MHz	64QAM	132322	50RB#0	8.941	9.62	PASS
Band66	10MHz	64QAM	132622	50RB#0	8.95	9.68	PASS
Band66	10MHz	256QAM	132022	50RB#0	8.937	9.60	PASS
Band66	10MHz	256QAM	132322	50RB#0	8.941	9.60	PASS
Band66	10MHz	256QAM	132622	50RB#0	8.924	9.60	PASS
Band66	15MHz	QPSK	132047	75RB#0	13.451	14.67	PASS
Band66	15MHz	QPSK	132322	75RB#0	13.464	14.70	PASS
Band66	15MHz	QPSK	132597	75RB#0	13.458	14.73	PASS
Band66	15MHz	16QAM	132047	75RB#0	13.457	14.61	PASS
Band66	15MHz	16QAM	132322	75RB#0	13.461	14.73	PASS
Band66	15MHz	16QAM	132597	75RB#0	13.461	14.76	PASS
Band66	15MHz	64QAM	132047	75RB#0	13.456	15.09	PASS
Band66	15MHz	64QAM	132322	75RB#0	13.459	14.79	PASS
Band66	15MHz	64QAM	132597	75RB#0	13.469	14.73	PASS
Band66	15MHz	256QAM	132047	75RB#0	13.446	14.73	PASS
Band66	15MHz	256QAM	132322	75RB#0	13.445	14.73	PASS
Band66	15MHz	256QAM	132597	75RB#0	13.458	14.70	PASS
Band66	20MHz	QPSK	132072	100RB#0	17.893	19.56	PASS
Band66	20MHz	QPSK	132322	100RB#0	17.896	19.36	PASS
Band66	20MHz	QPSK	132572	100RB#0	17.889	19.36	PASS
Band66	20MHz	16QAM	132072	100RB#0	17.882	19.24	PASS
Band66	20MHz	16QAM	132322	100RB#0	17.909	19.24	PASS
Band66	20MHz	16QAM	132572	100RB#0	17.887	19.32	PASS
Band66	20MHz	64QAM	132072	100RB#0	17.886	19.28	PASS
Band66	20MHz	64QAM	132322	100RB#0	17.898	19.28	PASS



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Band66	20MHz	64QAM	132572	100RB#0	17.896	19.24	PASS
Band66	20MHz	256QAM	132072	100RB#0	17.896	19.16	PASS
Band66	20MHz	256QAM	132322	100RB#0	17.889	19.28	PASS
Band66	20MHz	256QAM	132572	100RB#0	17.877	19.24	PASS



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Test Graphs

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



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



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



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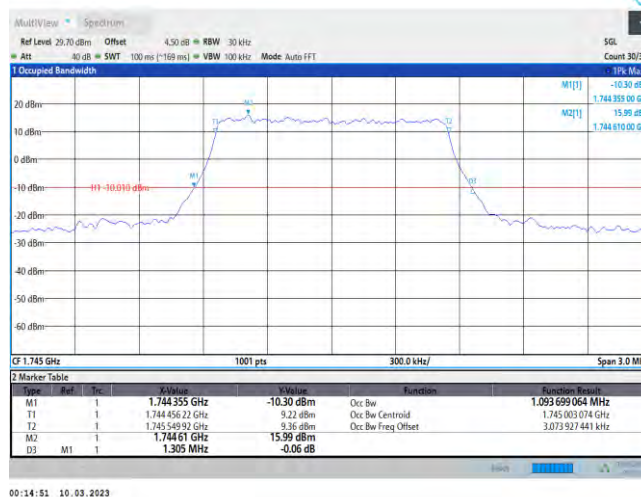
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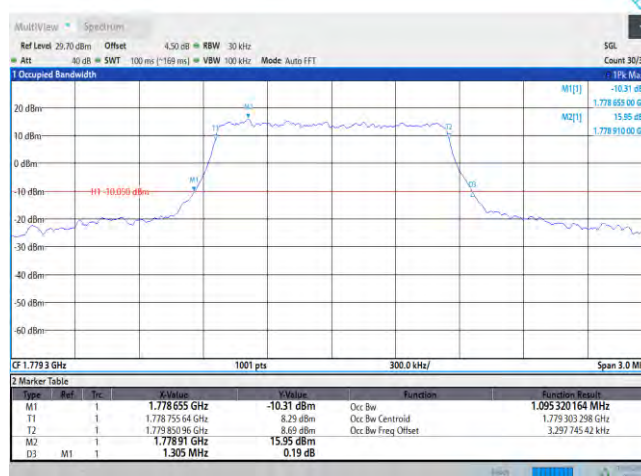
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Band66-1.4MHz-16QAM-132665-6RB#0



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



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00:16:20 10.03.2023

Band66-1.4MHz-256QAM-131979-6RB#0



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Band66-1.4MHz-256QAM-132665-6RB#0



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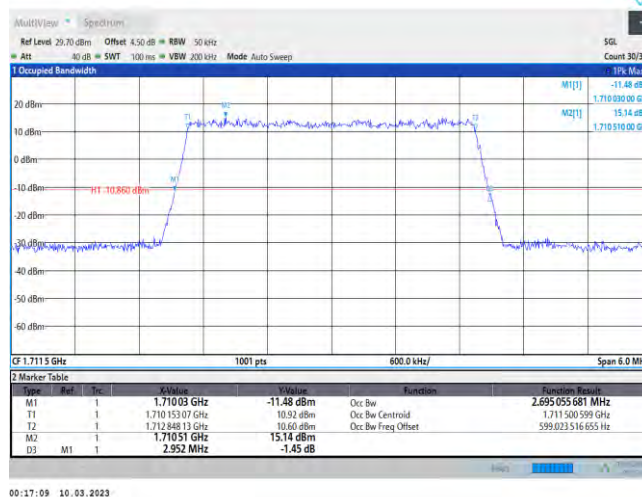
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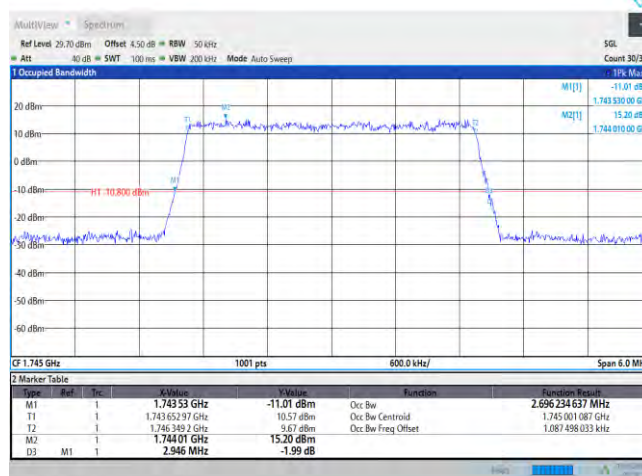
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Band66-3MHz-QPSK-131987-15RB#0



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



00:18:16 10.03.2023



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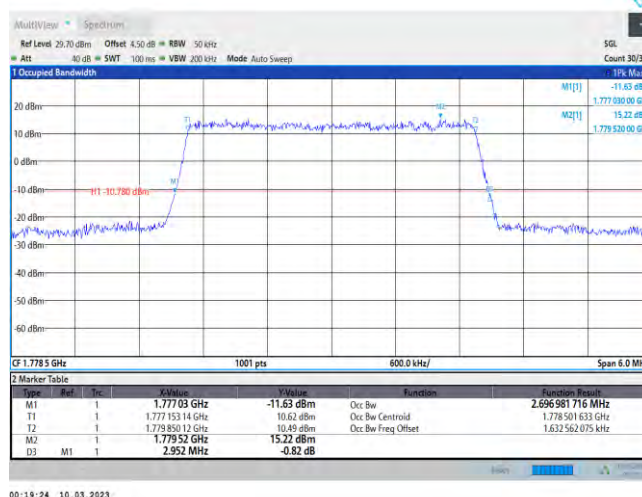
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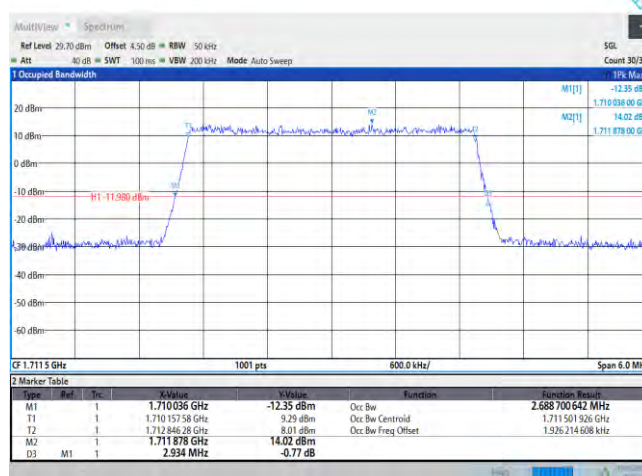
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Band66-3MHz-16QAM-131987-15RB#0



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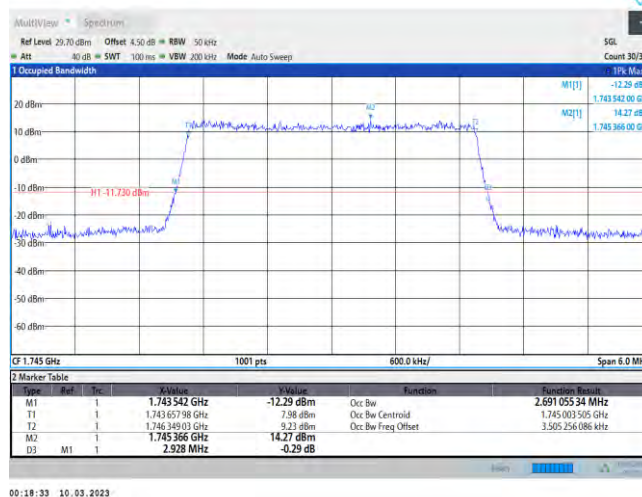
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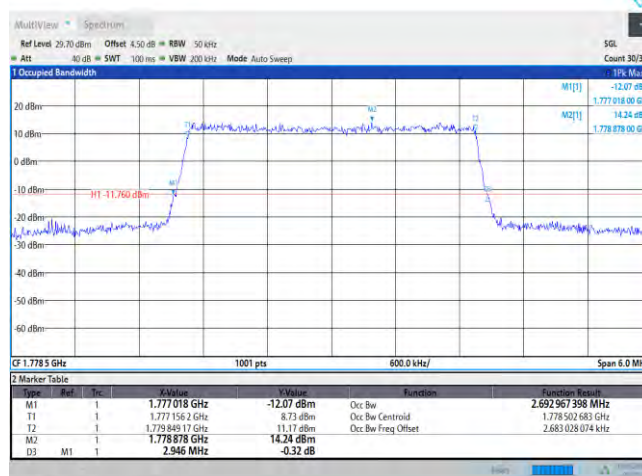
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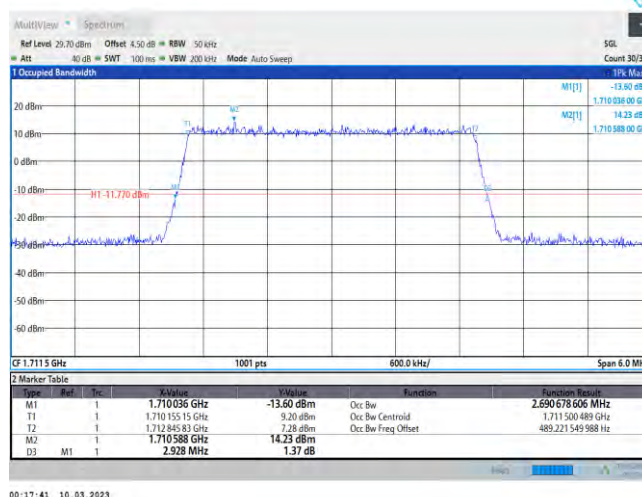
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Band66-3MHz-64QAM-132322-15RB#0



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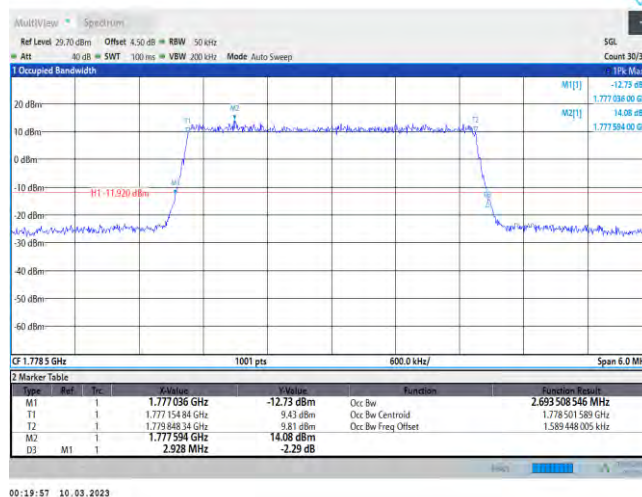
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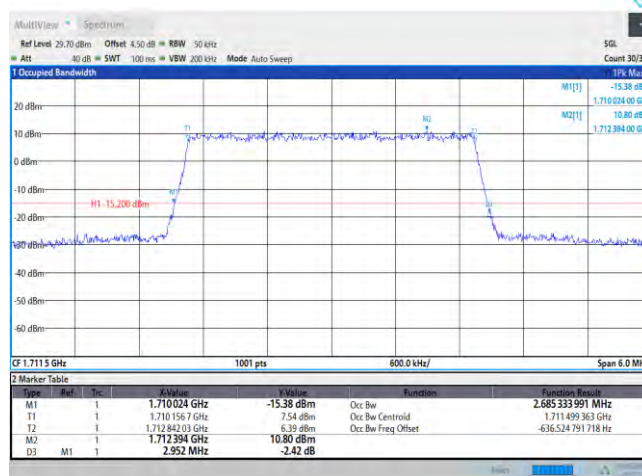
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Band66-3MHz-256QAM-131987-15RB#0



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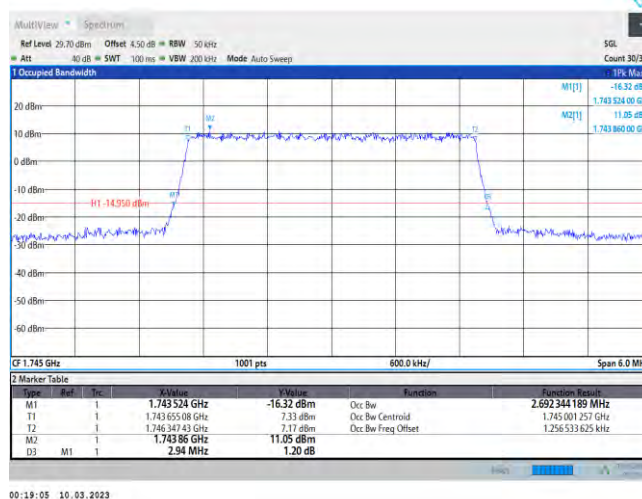
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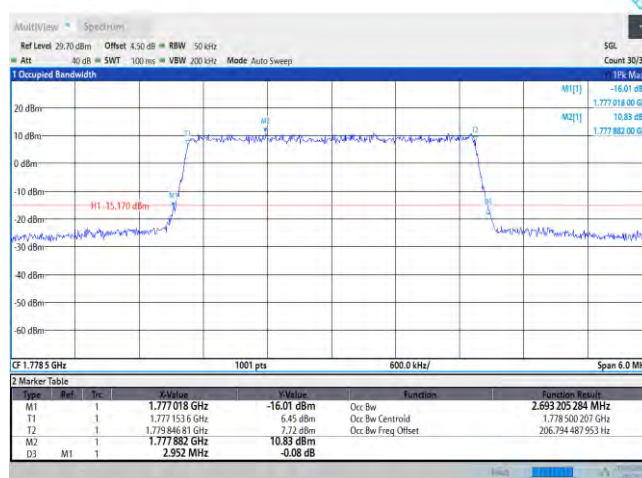
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Band66-3MHz-256QAM-132657-15RB#0



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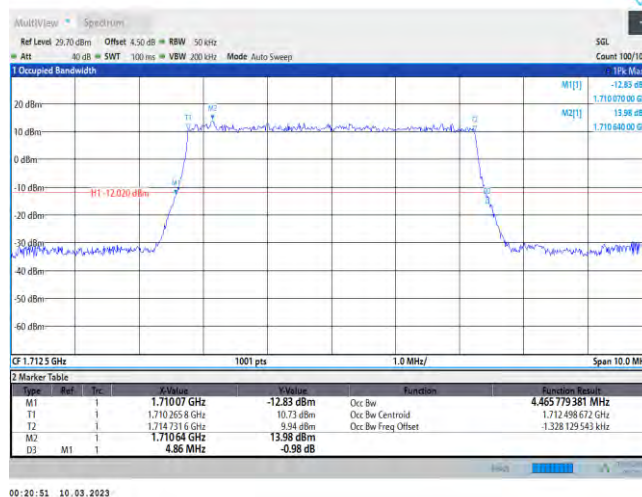
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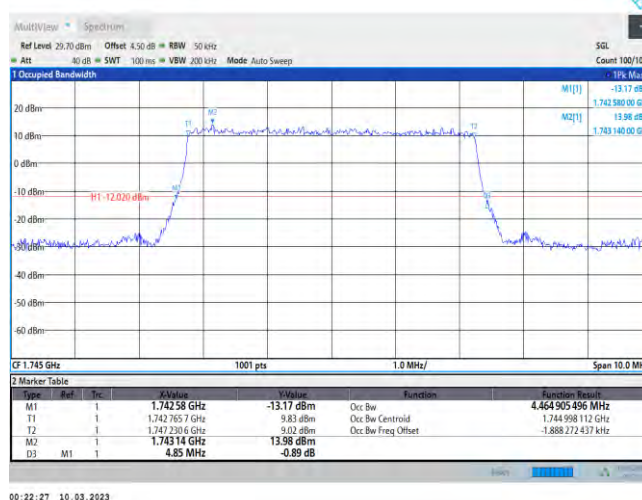
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Band66-5MHz-QPSK-131997-25RB#0



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



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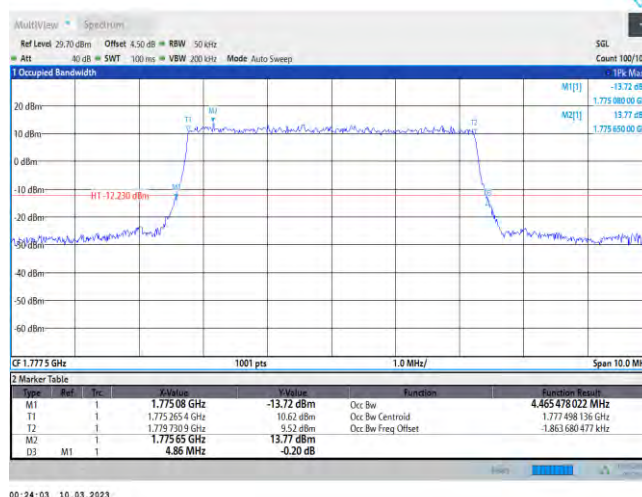
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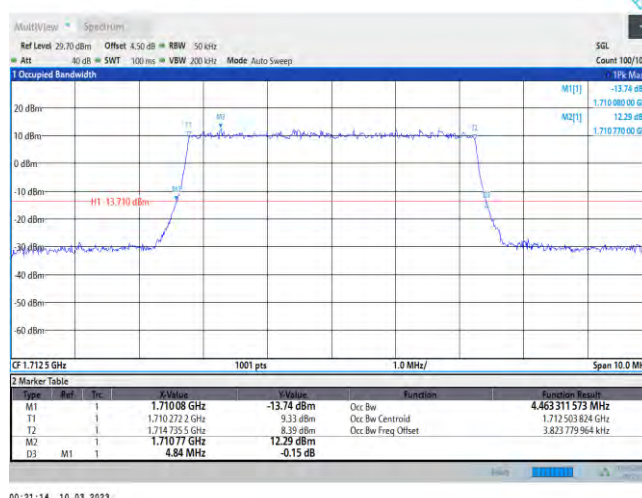
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Band66-5MHz-QPSK-132647-25RB#0



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



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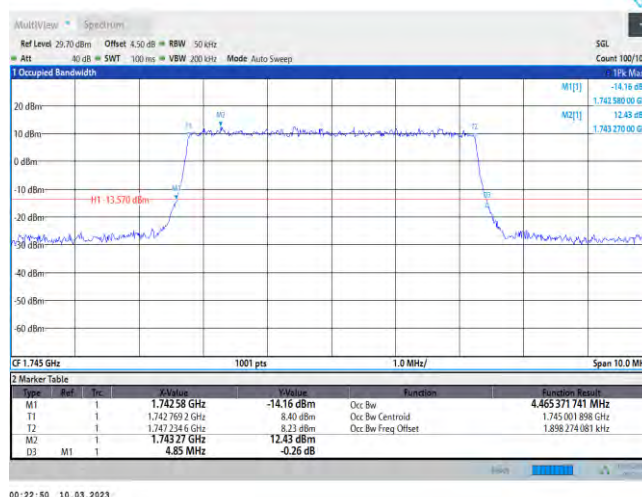
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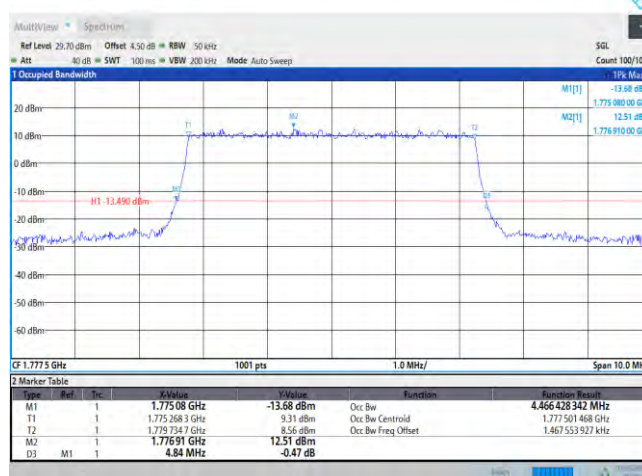
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Band66-5MHz-16QAM-132322-25RB#0



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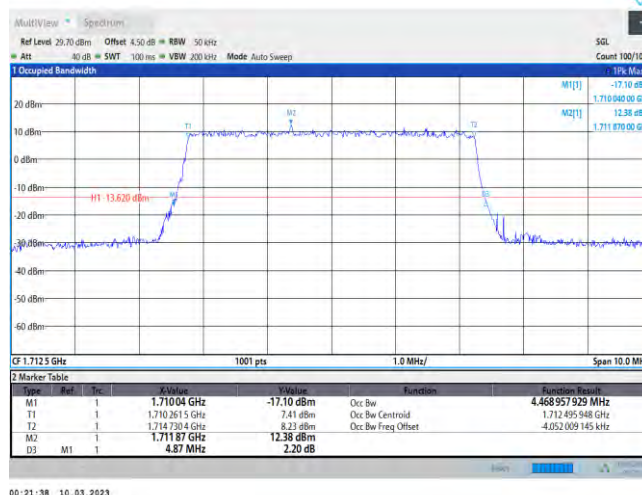
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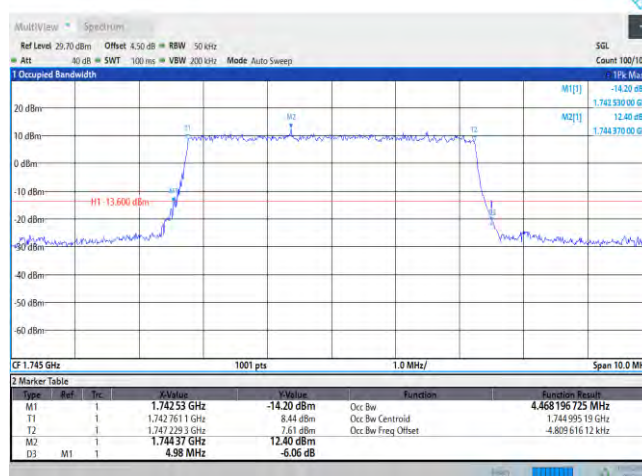
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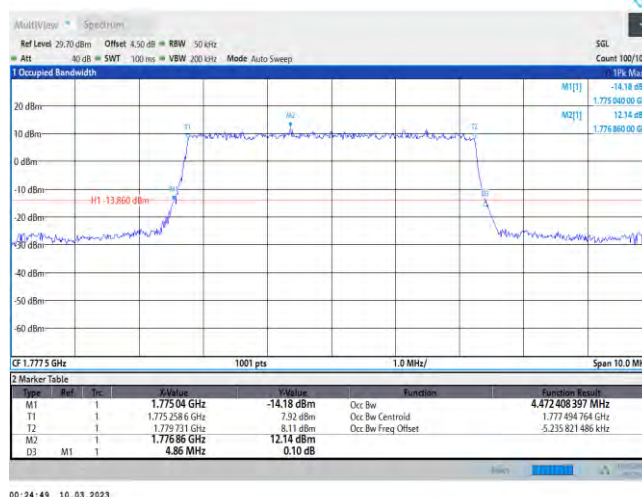
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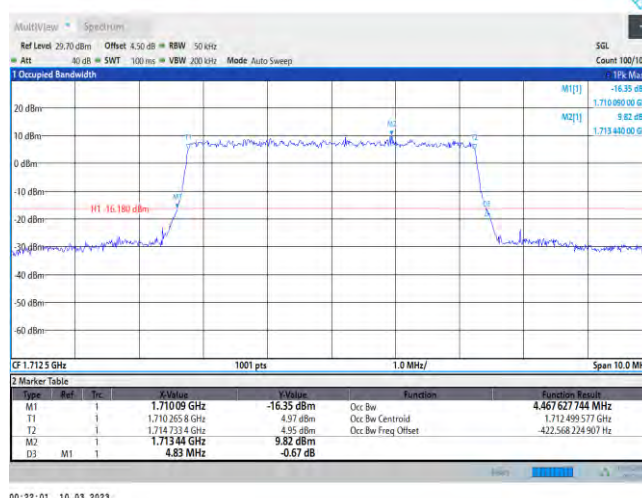
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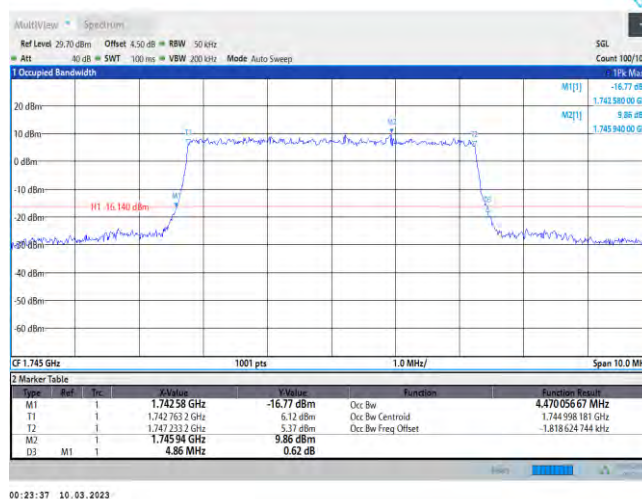
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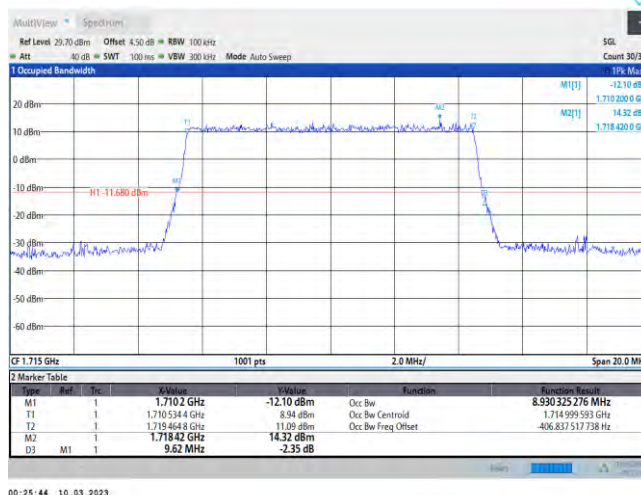
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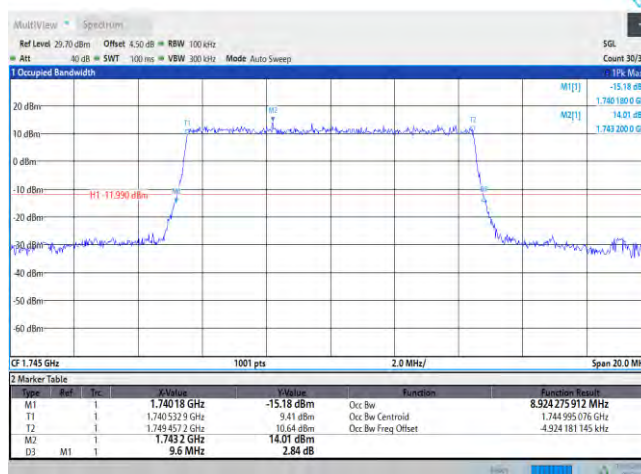
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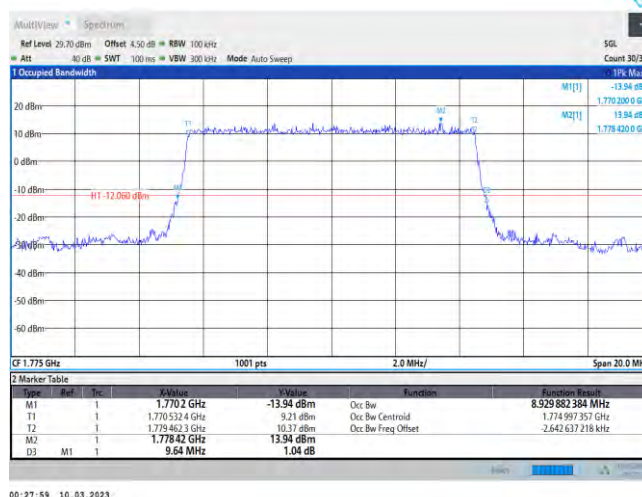
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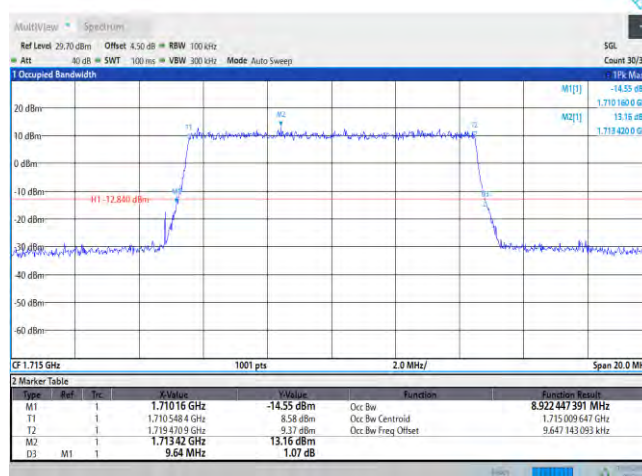
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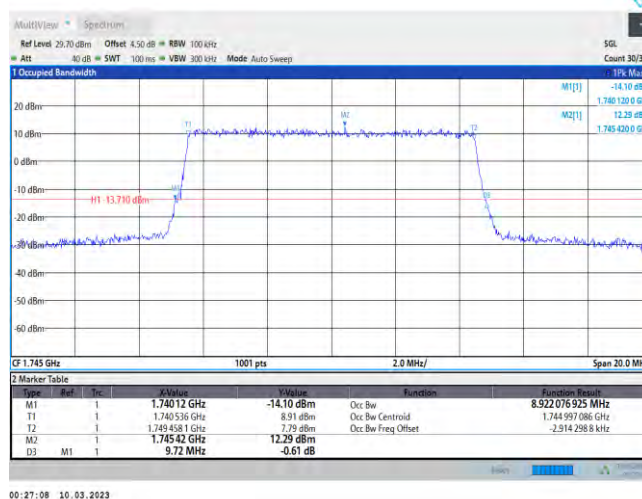
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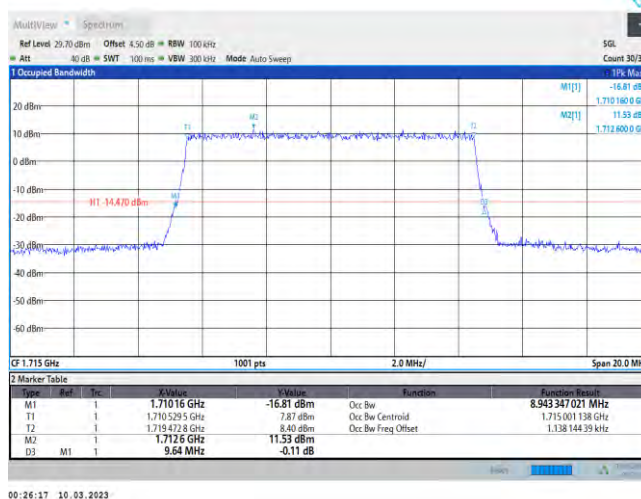
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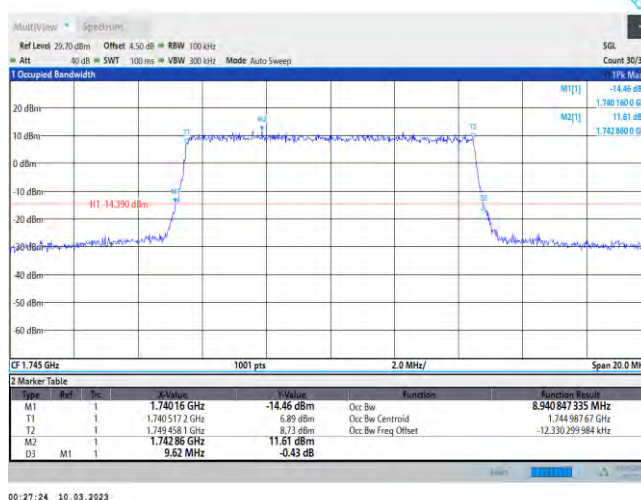
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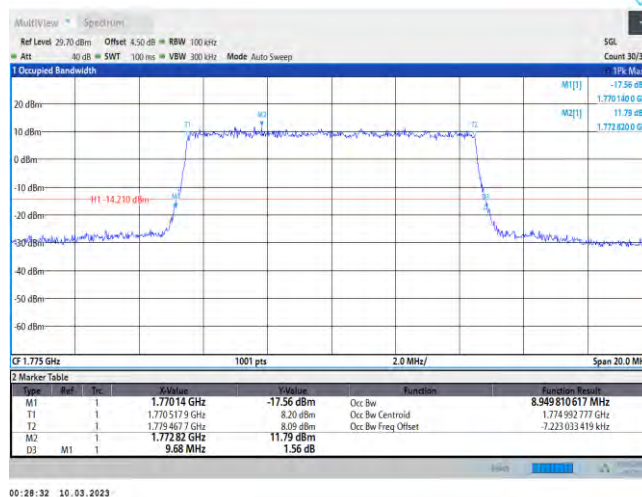
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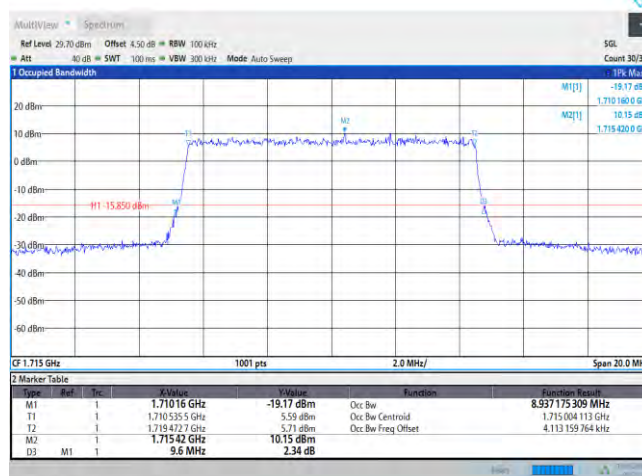
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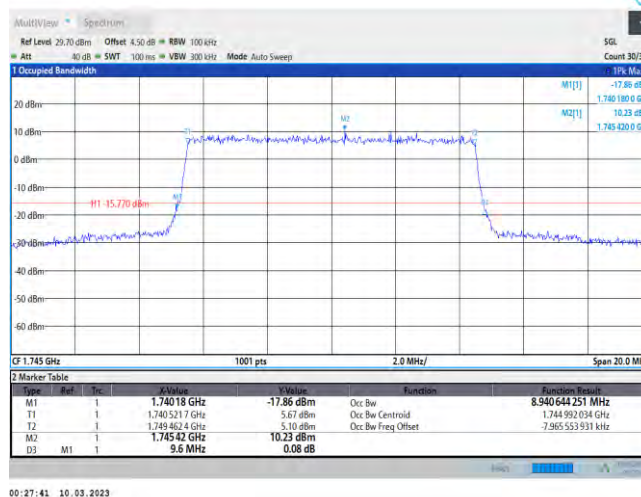
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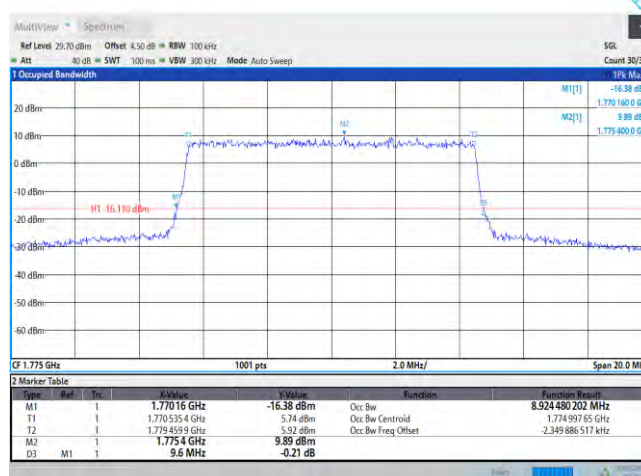
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Band66-10MHz-256QAM-132322-50RB#0



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Band66-10MHz-256QAM-132622-50RB#0



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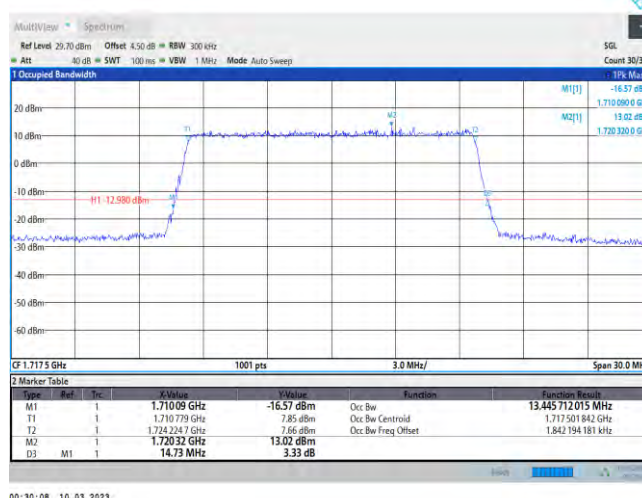
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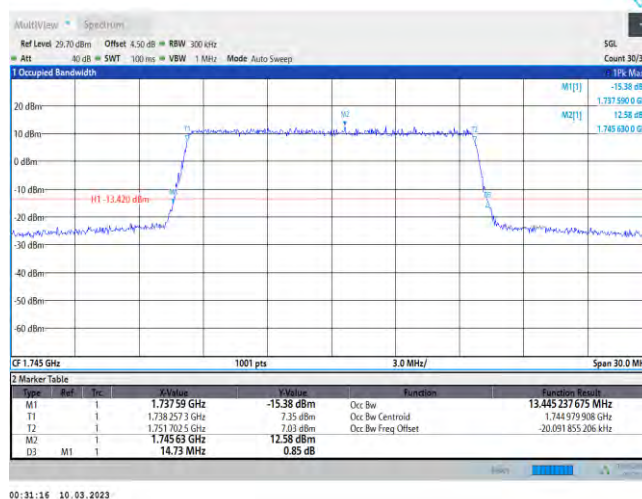
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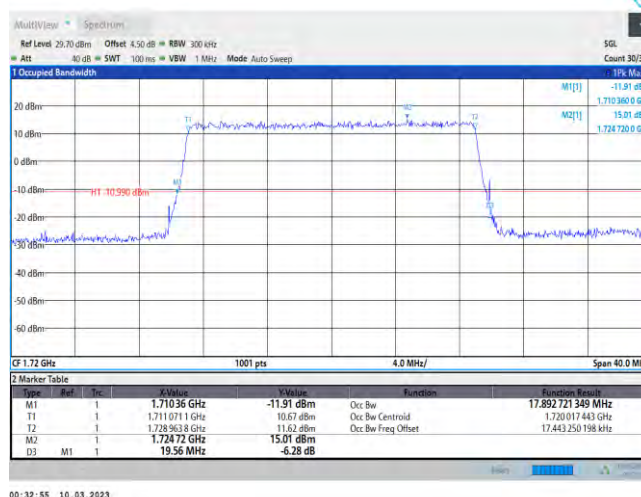
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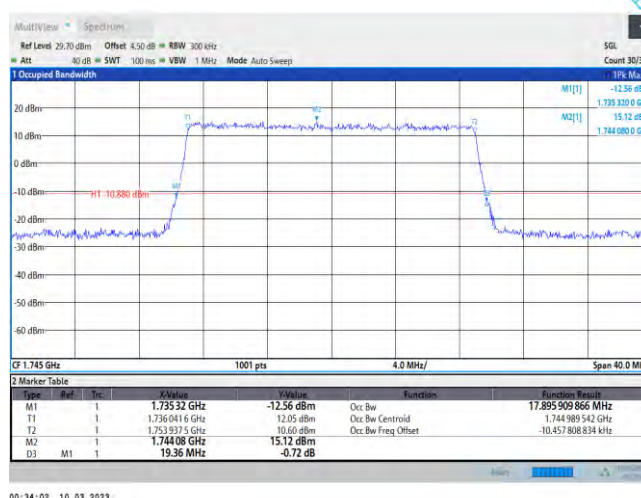
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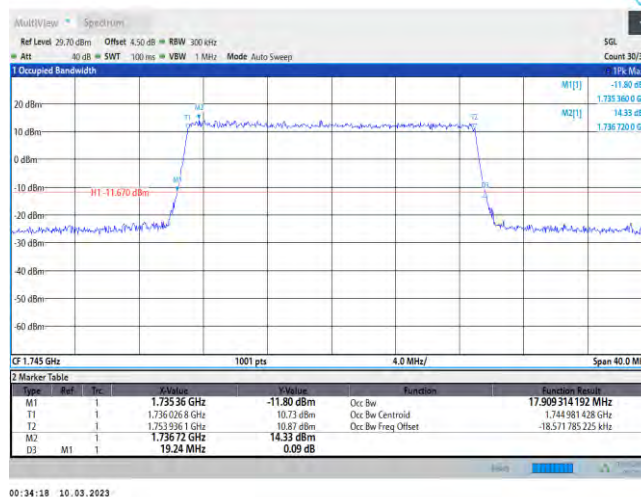
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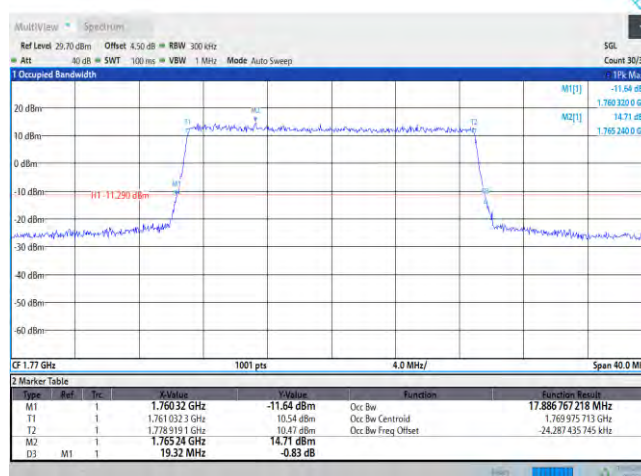
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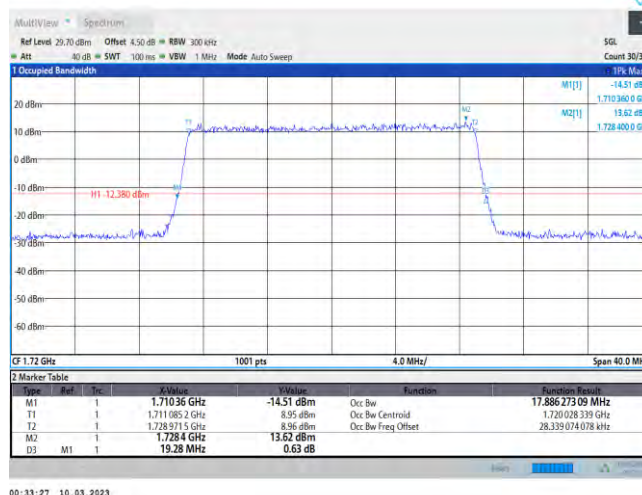
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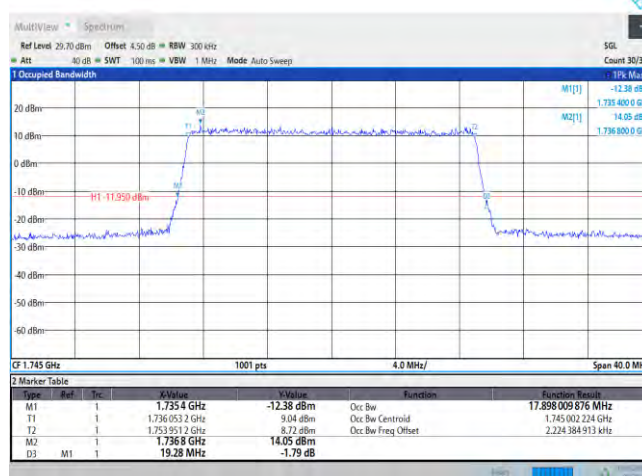
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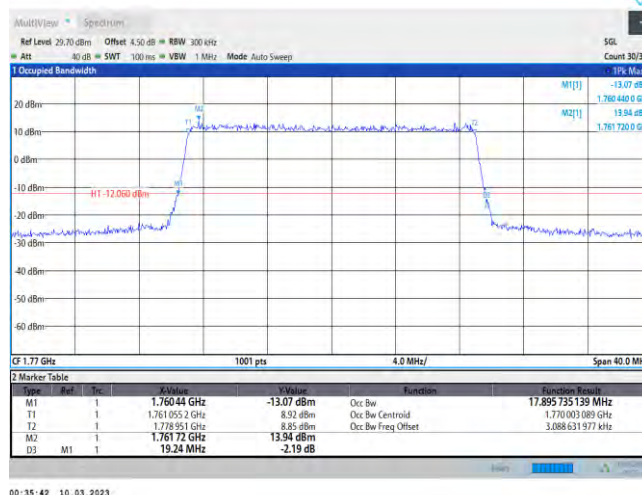
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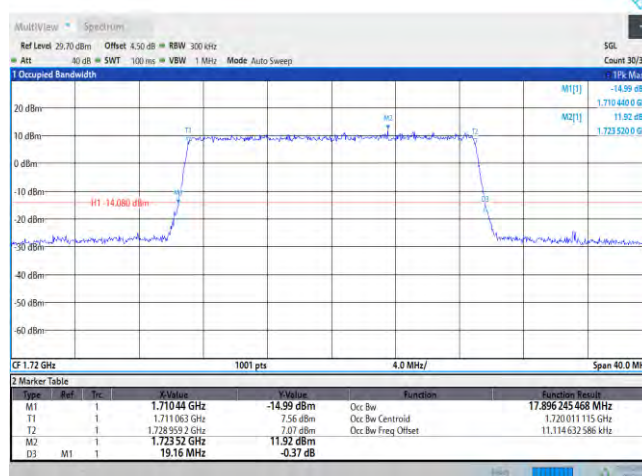
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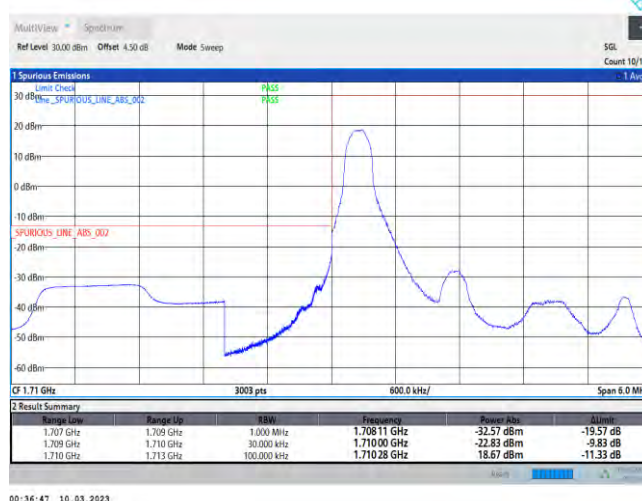
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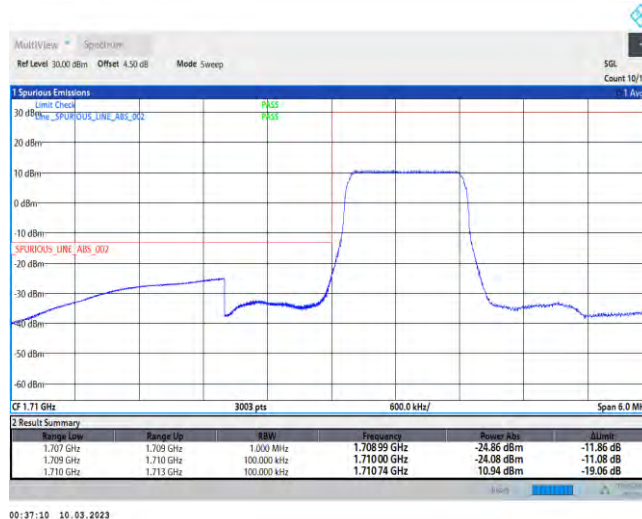
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Test Graphs

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



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



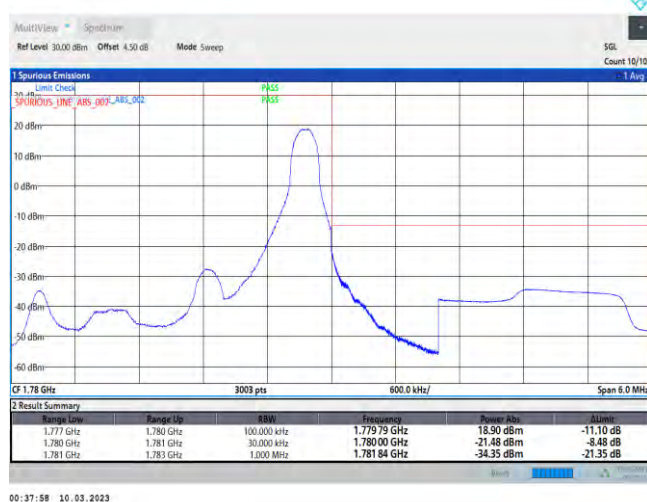
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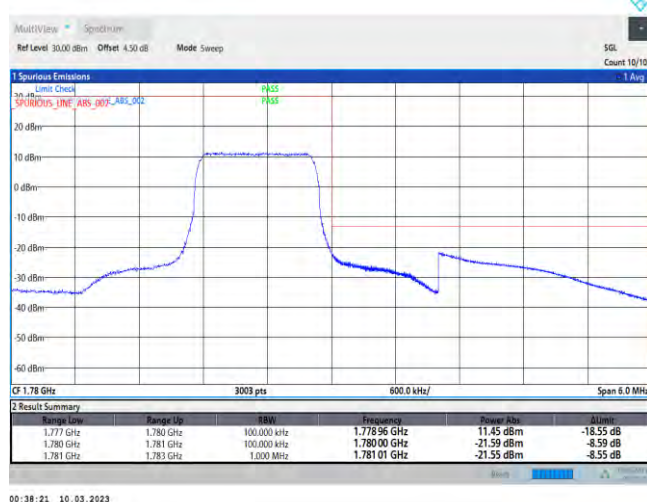
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Band66-1.4MHz-QPSK-132665-1RB#5



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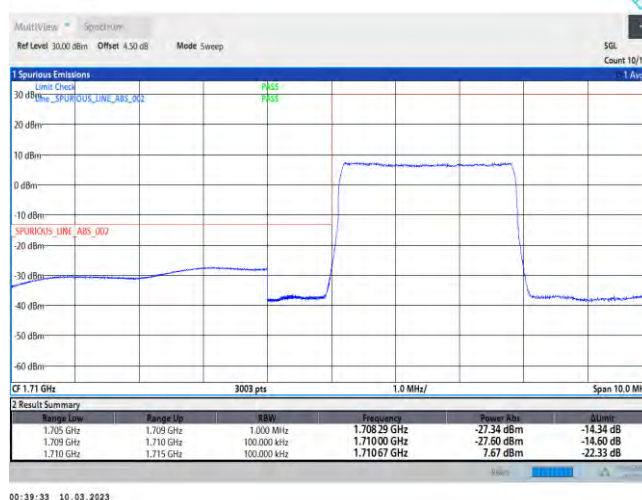
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Band66-3MHz-QPSK-131987-1RB#0



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



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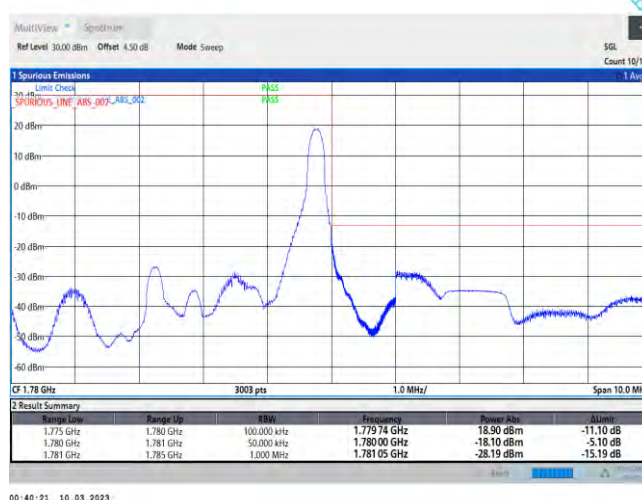
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Band66-3MHz-QPSK-132657-15RB#0



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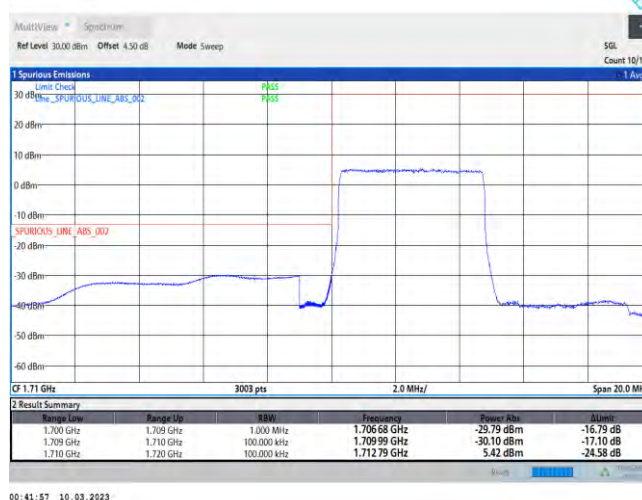
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Band66-5MHz-QPSK-131997-25RB#0



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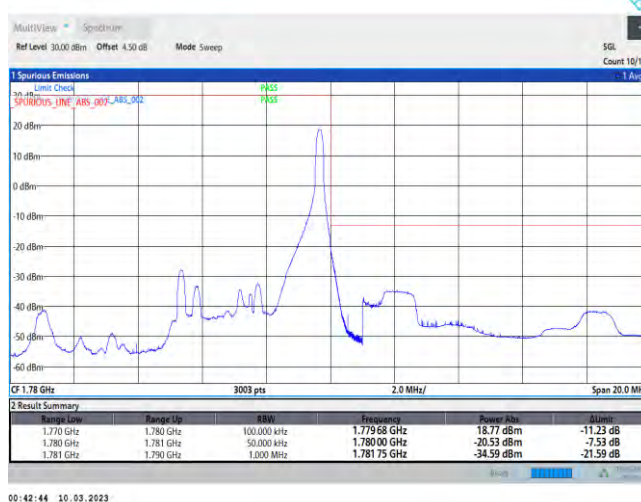
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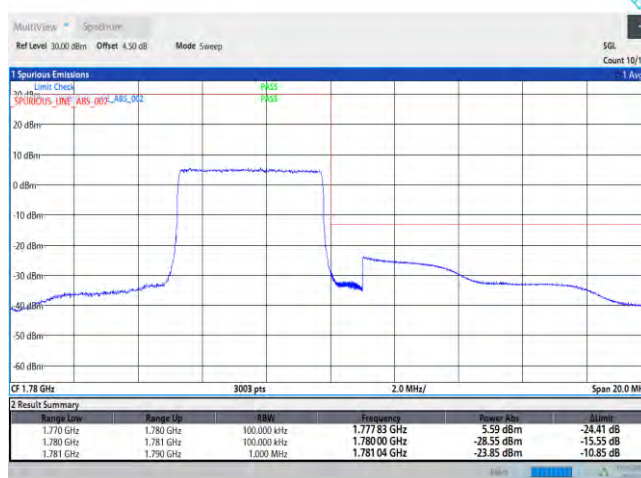
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Band66-5MHz-QPSK-132647-1RB#24



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



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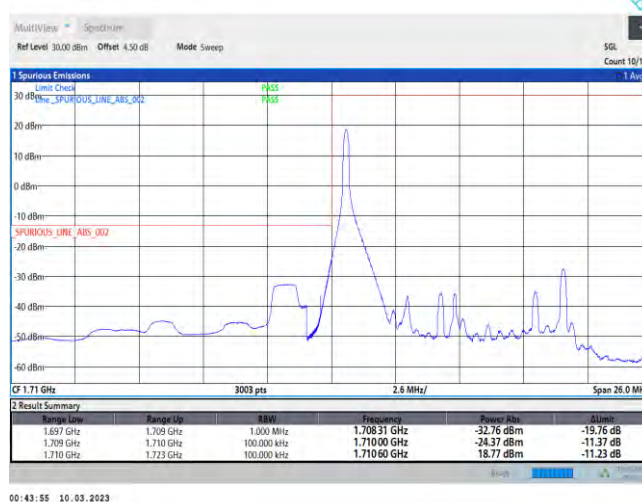
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Band66-10MHz-QPSK-132022-50RB#0



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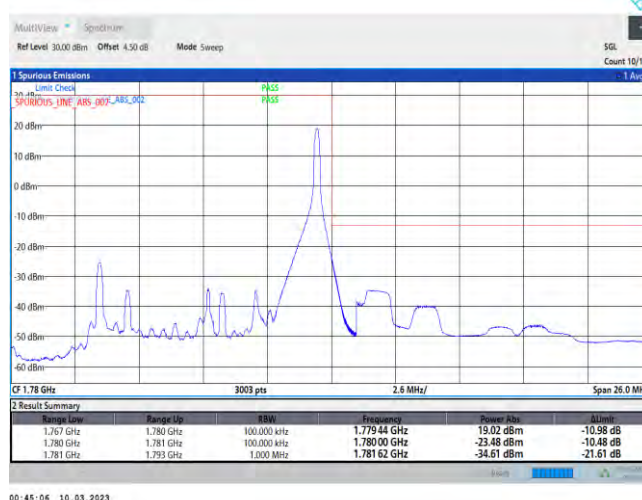
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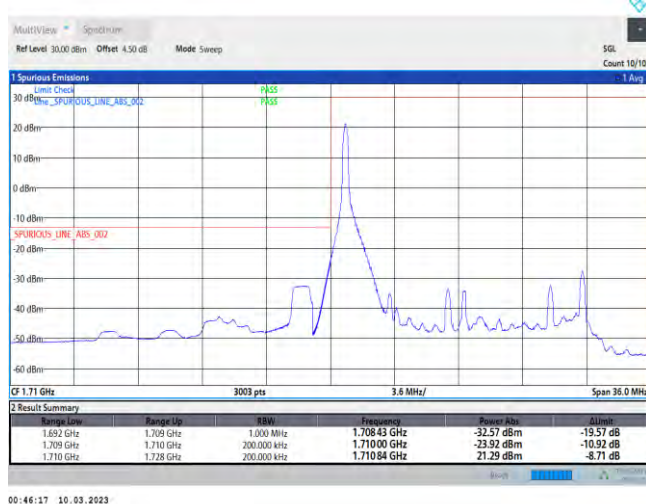
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Band66-15MHz-QPSK-132047-1RB#0



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



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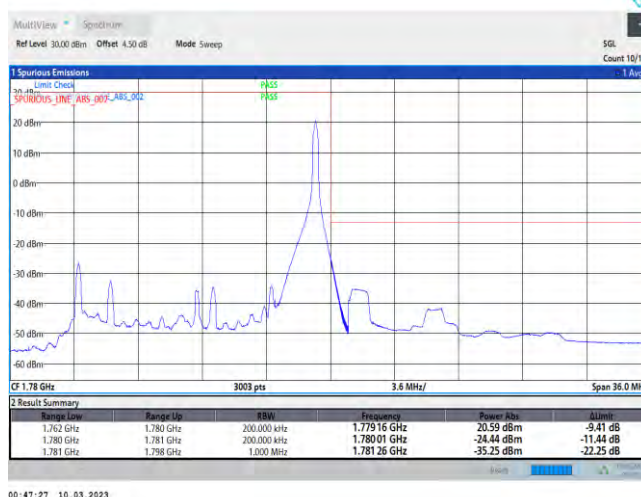
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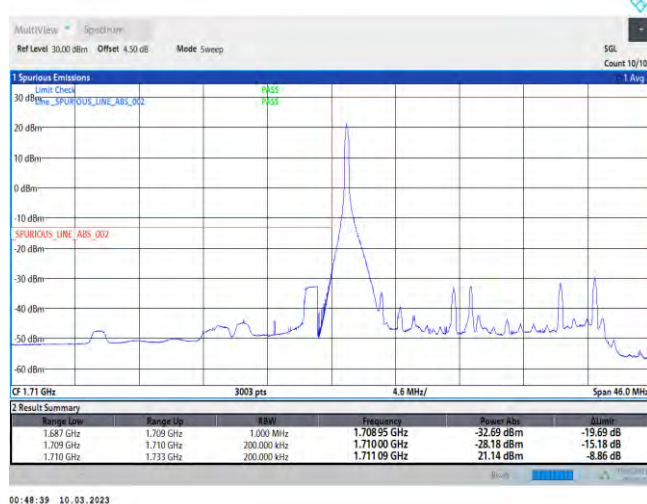
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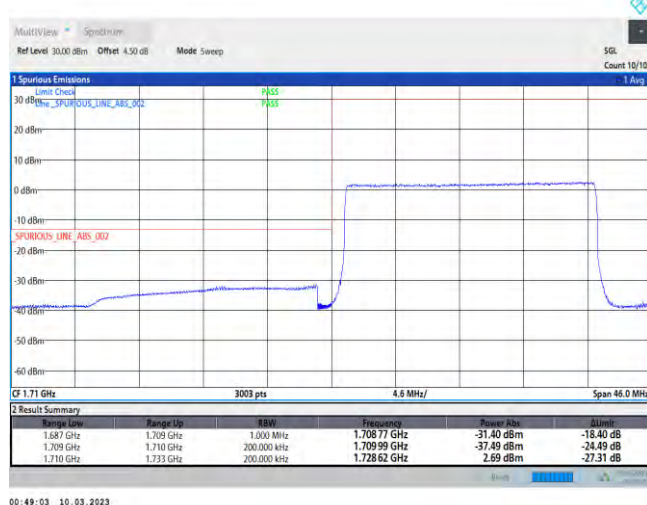
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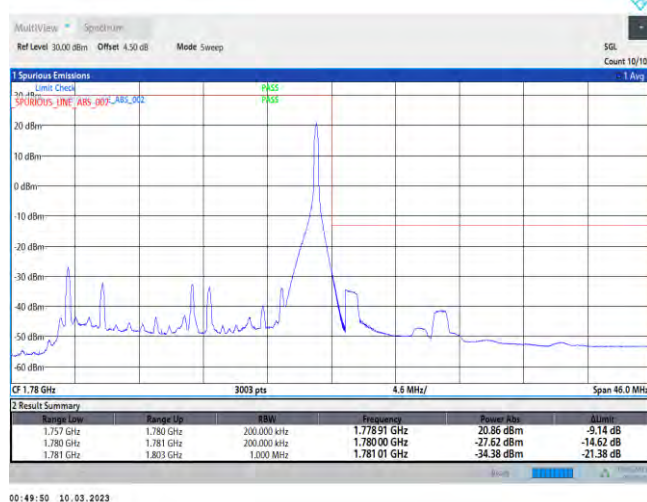
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Report No.: SEWA2303000029RG01

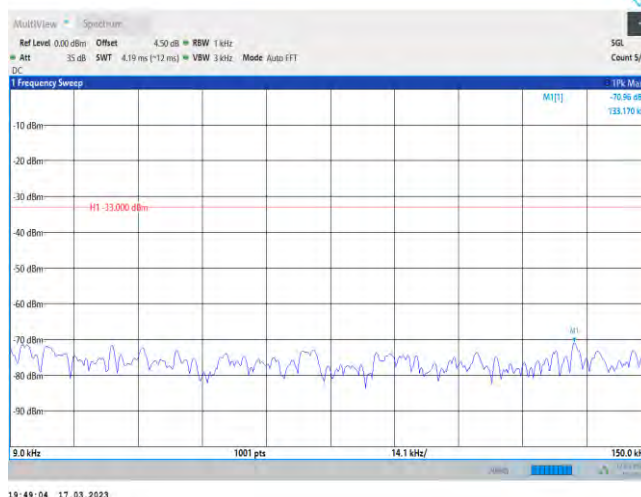
Rev.: 01

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Conducted Spurious Emission

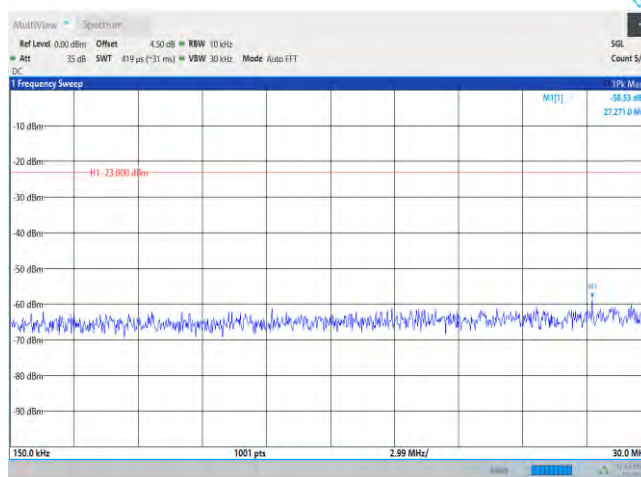
Test Graphs

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



19:49:04 17.03.2023

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



19:49:08 17.03.2023



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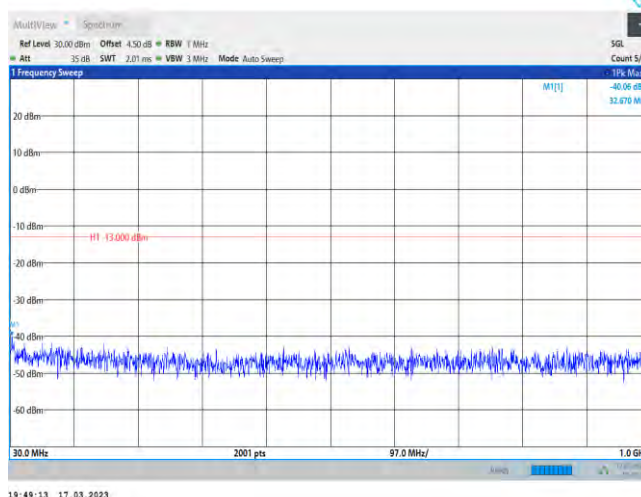
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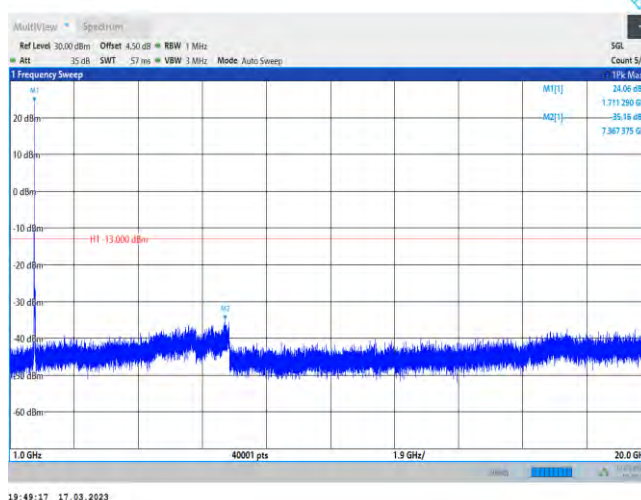
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Band66-20MHz-QPSK-132072-1RB#0-Range3:30~1000MHz



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



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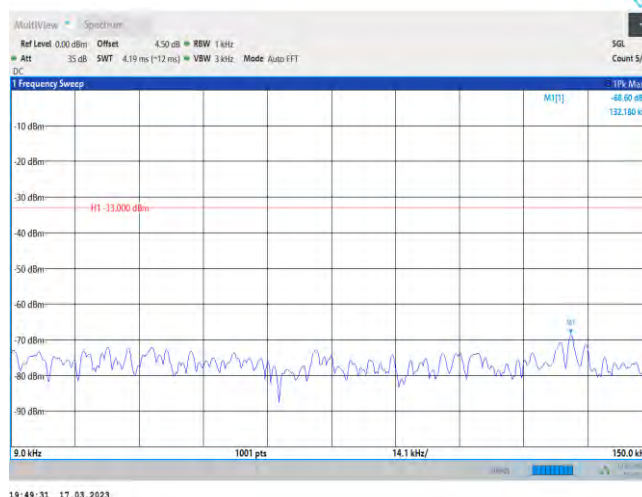
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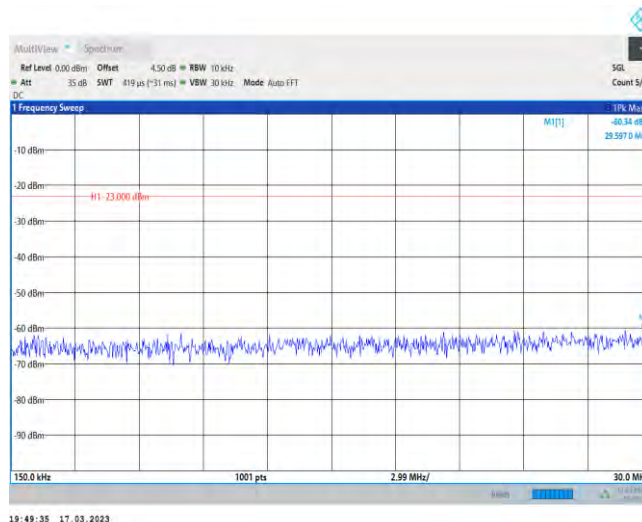
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Band66-20MHz-QPSK-132322-1RB#0-Range1:0.009~0.15MHz



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



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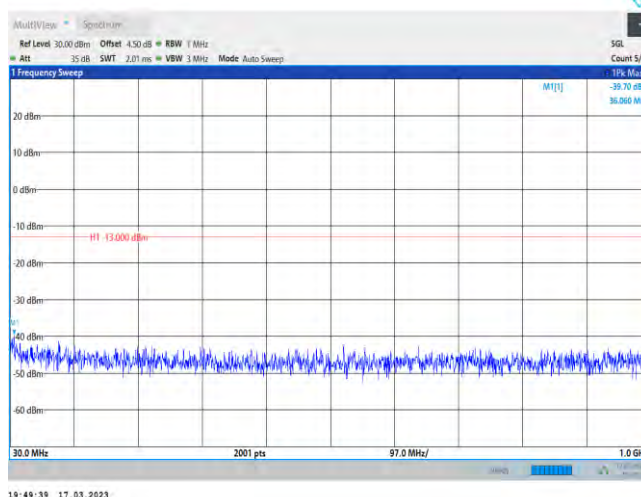
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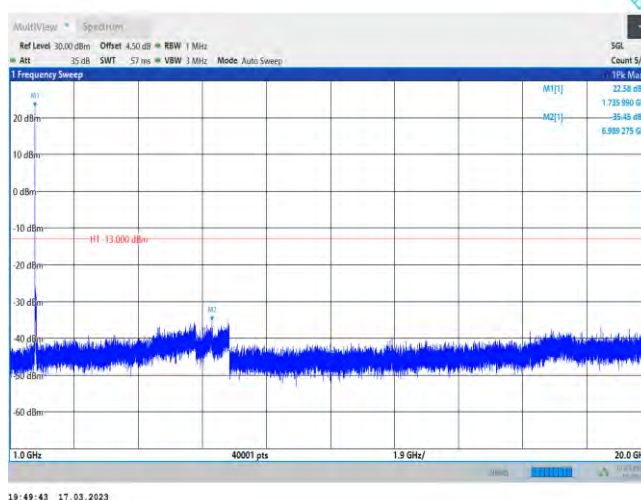
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Band66-20MHz-QPSK-132322-1RB#0-Range3:30~1000MHz



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



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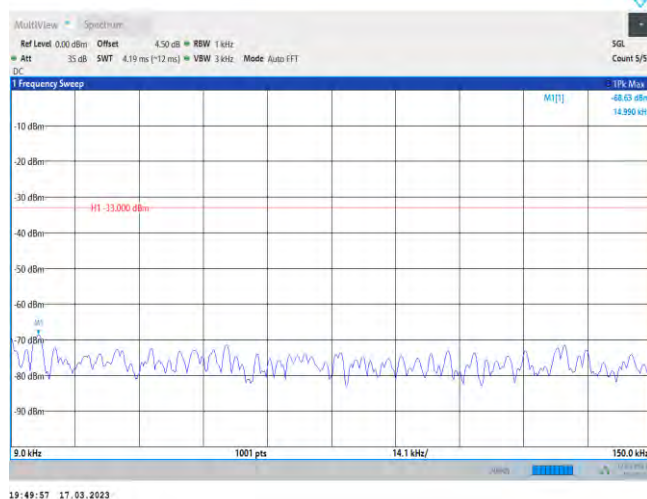
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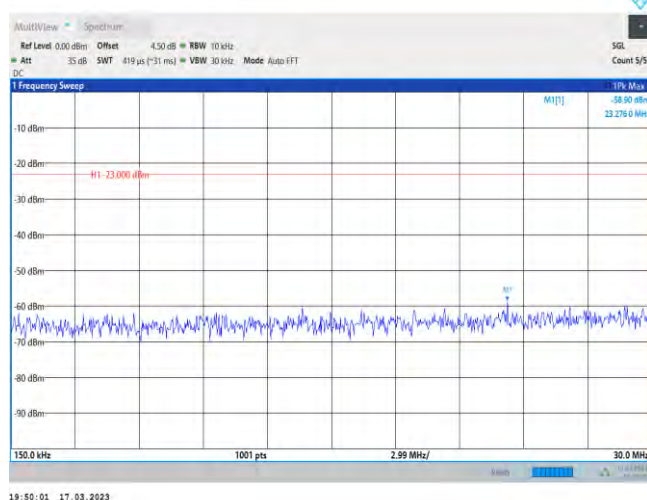
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Band66-20MHz-QPSK-132572-1RB#0-Range1:0.009~0.15MHz



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



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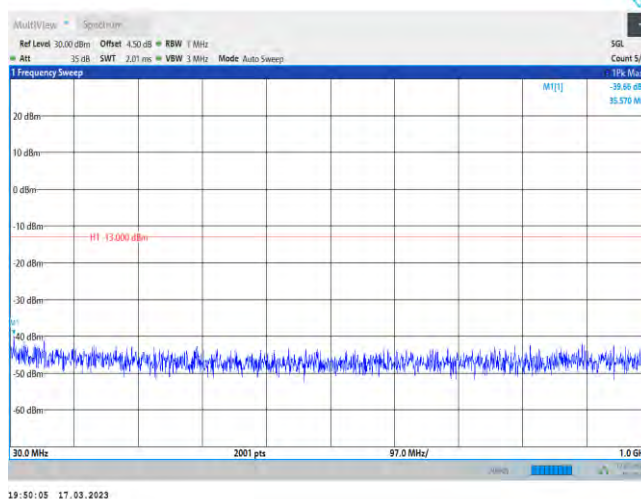
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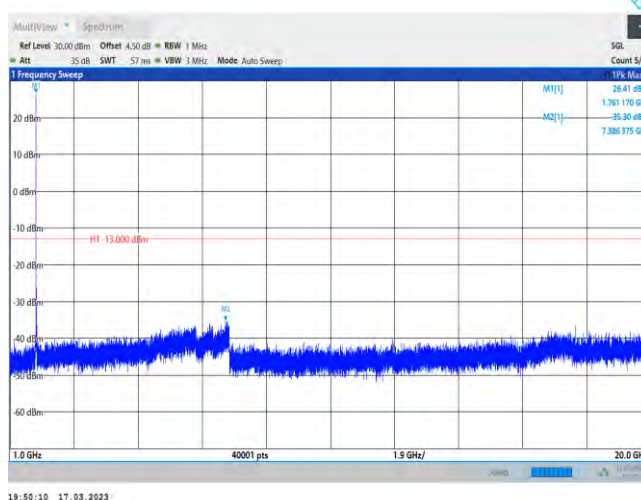
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Band66-20MHz-QPSK-132572-1RB#0-Range3:30~1000MHz



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



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Field Strength of Spurious Radiation

Test Band = LTE Band 66_20MHz__ TM1
Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3422.25	51.51	-46.28	29.45	-60.58	-13.00	47.58	248	329	Horizontal
2	5156.25	44.81	-45.32	32.97	-62.80	-13.00	49.80	183	134	Horizontal
3	6844.5	57.73	-44.14	35.89	-45.78	-13.00	32.78	215	88	Horizontal
4	8510.4500	38.46	-41.59	37.56	-60.83	-13.00	47.83	220	225	Horizontal
5	10212.5400	36.46	-39.45	38.81	-59.43	-13.00	46.43	146	179	Horizontal
6	11914.6300	34.74	-37.18	38.88	-58.82	-13.00	45.82	209	29	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3422.25	55.42	-46.28	29.45	-56.67	-13.00	43.67	216	240	Vertical
2	5156.25	47.04	-45.32	32.97	-60.57	-13.00	47.57	136	300	Vertical
3	6844.5	64.68	-44.14	35.89	-38.83	-13.00	25.83	241	195	Vertical
4	8510.4500	38.53	-41.59	37.56	-60.76	-13.00	47.76	156	195	Vertical
5	10212.5400	35.59	-39.45	38.81	-60.30	-13.00	47.30	278	150	Vertical
6	11914.6300	34.35	-37.18	38.88	-59.21	-13.00	46.21	162	135	Vertical



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Test Band = LTE Band 66_20MHz__ TM1
Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3472.5	47.67	-46.27	29.50	-64.36	-13.00	51.36	176	44	Horizontal
2	5208	45.99	-45.26	32.98	-61.55	-13.00	48.55	239	117	Horizontal
3	6944.25	57.36	-43.86	36.01	-45.74	-13.00	32.74	186	103	Horizontal
4	8635.4500	39.04	-41.46	37.81	-59.87	-13.00	46.87	211	3	Horizontal
5	10362.5400	36.16	-39.04	38.85	-59.29	-13.00	46.29	147	360	Horizontal
6	12089.6300	34.47	-37.37	39.04	-59.12	-13.00	46.12	268	268	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3471.75	52.46	-46.27	29.49	-59.57	-13.00	46.57	234	212	Vertical
2	5156.25	46.35	-45.32	32.97	-61.26	-13.00	48.26	179	288	Vertical
3	6944.25	65.31	-43.86	36.01	-37.79	-13.00	24.79	265	197	Vertical
4	8680.5	45.76	-41.62	37.88	-53.24	-13.00	40.24	224	183	Vertical
5	10362.5400	36.31	-39.04	38.85	-59.14	-13.00	46.14	137	274	Vertical
6	12089.6300	34.70	-37.37	39.04	-58.89	-13.00	45.89	249	302	Vertical



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Test Band = LTE Band 66_20MHz__ TM1
Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3522	48.06	-46.23	29.54	-63.89	-13.00	50.89	244	198	Horizontal
2	5283	46.59	-45.12	32.91	-60.88	-13.00	47.88	168	139	Horizontal
3	7044.75	55.61	-43.85	36.20	-47.30	-13.00	34.30	253	123	Horizontal
4	8760.4500	38.49	-41.42	38.02	-60.18	-13.00	47.18	193	30	Horizontal
5	10512.5400	35.70	-38.76	38.97	-59.35	-13.00	46.35	206	354	Horizontal
6	12262.6300	34.59	-37.44	39.11	-59.00	-13.00	46.00	164	169	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3522	54.83	-46.23	29.54	-57.12	-13.00	44.12	179	195	Vertical
2	5283	47.51	-45.12	32.91	-59.96	-13.00	46.96	259	29	Vertical
3	7044	62.62	-43.84	36.19	-40.29	-13.00	27.29	134	343	Vertical
4	8760.4500	38.91	-41.42	38.02	-59.76	-13.00	46.76	216	343	Vertical
5	10512.5400	35.00	-38.76	38.97	-60.05	-13.00	47.05	208	104	Vertical
6	12262.6300	34.37	-37.44	39.11	-59.22	-13.00	46.22	194	180	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	3.70	0.002120	PASS
Band66	20MHz	QPSK	132322	100RB#0	VN	NT	-2.30	-0.001318	PASS
Band66	20MHz	QPSK	132322	100RB#0	VH	NT	5.20	0.002980	PASS

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band66	20MHz	QPSK	132322	100RB#0	NV	-30	3.40	0.001948	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	-20	-2.70	-0.001547	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	-10	7.20	0.004126	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	0	5.80	0.003324	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	10	0.90	0.000516	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	20	-0.50	-0.000287	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	30	-0.10	-0.000057	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	40	4.50	0.002579	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	50	-3.80	-0.002178	PASS

---End of Attachment---



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