



Appendix B

E-UTRA BAND 4



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch (CSTC) Laboratory

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1. Effective (Isotropic) Radiated Power

1.1. Test Result

BAND	Bandwidth	Modulation	Channel	RB Configuration	Conducted (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
BAND4	1.4MHz	LTE/TM1	19957	1RB#0	22.61	24.61	30.00	PASS
				1RB#2	22.62	24.62	30.00	PASS
				1RB#5	22.65	24.65	30.00	PASS
				3RB#0	22.62	24.62	30.00	PASS
				3RB#1	22.64	24.64	30.00	PASS
				3RB#3	22.67	24.67	30.00	PASS
				6RB#0	21.66	23.66	30.00	PASS
			20175	1RB#0	22.49	24.49	30.00	PASS
				1RB#2	22.50	24.50	30.00	PASS
				1RB#5	22.53	24.53	30.00	PASS
				3RB#0	22.50	24.50	30.00	PASS
				3RB#1	22.49	24.49	30.00	PASS
				3RB#3	22.51	24.51	30.00	PASS
				6RB#0	21.52	23.52	30.00	PASS
			20393	1RB#0	22.70	24.70	30.00	PASS
				1RB#2	22.61	24.61	30.00	PASS
				1RB#5	22.62	24.62	30.00	PASS
				3RB#0	22.60	24.60	30.00	PASS
				3RB#1	22.61	24.61	30.00	PASS
				3RB#3	22.62	24.62	30.00	PASS
				6RB#0	21.63	23.63	30.00	PASS





BAND	Bandwidth	Modulation	Channel	RB Configuration	Conducted (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
BAND4	1.4MHz	LTE/TM2	19957	1RB#0	21.84	23.84	30.00	PASS
				1RB#2	21.81	23.81	30.00	PASS
				1RB#5	21.93	23.93	30.00	PASS
				3RB#0	21.72	23.72	30.00	PASS
				3RB#1	21.72	23.72	30.00	PASS
				3RB#3	21.77	23.77	30.00	PASS
				6RB#0	20.74	22.74	30.00	PASS
			20175	1RB#0	21.74	23.74	30.00	PASS
				1RB#2	21.70	23.70	30.00	PASS
				1RB#5	21.68	23.68	30.00	PASS
				3RB#0	21.58	23.58	30.00	PASS
				3RB#1	21.58	23.58	30.00	PASS
				3RB#3	21.60	23.60	30.00	PASS
				6RB#0	20.56	22.56	30.00	PASS
			20393	1RB#0	21.94	23.94	30.00	PASS
				1RB#2	21.89	23.89	30.00	PASS
				1RB#5	21.94	23.94	30.00	PASS
				3RB#0	21.75	23.75	30.00	PASS
				3RB#1	21.77	23.77	30.00	PASS
				3RB#3	21.76	23.76	30.00	PASS
				6RB#0	20.73	22.73	30.00	PASS





BAND	Bandwidth	Modulation	Channel	RB Configuration	Conducted (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
BAND4	1.4MHz	LTE/TM3	19957	1RB#0	20.90	22.90	30.00	PASS
				1RB#2	20.86	22.86	30.00	PASS
				1RB#5	20.85	22.85	30.00	PASS
				3RB#0	20.80	22.80	30.00	PASS
				3RB#1	20.78	22.78	30.00	PASS
				3RB#3	20.79	22.79	30.00	PASS
				6RB#0	19.77	21.77	30.00	PASS
			20175	1RB#0	20.69	22.69	30.00	PASS
				1RB#2	20.68	22.68	30.00	PASS
				1RB#5	20.81	22.81	30.00	PASS
				3RB#0	20.62	22.62	30.00	PASS
				3RB#1	20.59	22.59	30.00	PASS
				3RB#3	20.57	22.57	30.00	PASS
				6RB#0	19.63	21.63	30.00	PASS
			20393	1RB#0	20.90	22.90	30.00	PASS
				1RB#2	20.82	22.82	30.00	PASS
				1RB#5	20.84	22.84	30.00	PASS
				3RB#0	20.72	22.72	30.00	PASS
				3RB#1	20.67	22.67	30.00	PASS
				3RB#3	20.72	22.72	30.00	PASS
				6RB#0	19.73	21.73	30.00	PASS



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BAND	Bandwidth	Modulation	Channel	RB Configuration	Conducted (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
BAND4	3MHz	LTE/TM1	19965	1RB#0	22.54	24.54	30.00	PASS
				1RB#8	22.65	24.65	30.00	PASS
				1RB#14	22.64	24.64	30.00	PASS
				8RB#0	21.66	23.66	30.00	PASS
				8RB#4	21.66	23.66	30.00	PASS
				8RB#7	21.68	23.68	30.00	PASS
				15RB#0	21.65	23.65	30.00	PASS
			20175	1RB#0	22.44	24.44	30.00	PASS
				1RB#8	22.46	24.46	30.00	PASS
				1RB#14	22.44	24.44	30.00	PASS
				8RB#0	21.50	23.50	30.00	PASS
				8RB#4	21.50	23.50	30.00	PASS
				8RB#7	21.51	23.51	30.00	PASS
				15RB#0	21.50	23.50	30.00	PASS
			20385	1RB#0	22.62	24.62	30.00	PASS
				1RB#8	22.69	24.69	30.00	PASS
				1RB#14	22.58	24.58	30.00	PASS
				8RB#0	21.68	23.68	30.00	PASS
				8RB#4	21.68	23.68	30.00	PASS
				8RB#7	21.62	23.62	30.00	PASS
				15RB#0	21.67	23.67	30.00	PASS





BAND	Bandwidth	Modulation	Channel	RB Configuration	Conducted (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
BAND4	3MHz	LTE/TM2	19965	1RB#0	21.83	23.83	30.00	PASS
				1RB#8	21.87	23.87	30.00	PASS
				1RB#14	21.87	23.87	30.00	PASS
				8RB#0	20.77	22.77	30.00	PASS
				8RB#4	20.72	22.72	30.00	PASS
				8RB#7	20.75	22.75	30.00	PASS
				15RB#0	20.71	22.71	30.00	PASS
			20175	1RB#0	21.73	23.73	30.00	PASS
				1RB#8	21.69	23.69	30.00	PASS
				1RB#14	21.61	23.61	30.00	PASS
				8RB#0	20.52	22.52	30.00	PASS
				8RB#4	20.57	22.57	30.00	PASS
				8RB#7	20.56	22.56	30.00	PASS
				15RB#0	20.53	22.53	30.00	PASS
			20385	1RB#0	21.83	23.83	30.00	PASS
				1RB#8	21.88	23.88	30.00	PASS
				1RB#14	21.83	23.83	30.00	PASS
				8RB#0	20.76	22.76	30.00	PASS
				8RB#4	20.75	22.75	30.00	PASS
				8RB#7	20.69	22.69	30.00	PASS
				15RB#0	20.72	22.72	30.00	PASS





BAND	Bandwidth	Modulation	Channel	RB Configuration	Conducted (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
BAND4	3MHz	LTE/TM3	19965	1RB#0	20.82	22.82	30.00	PASS
				1RB#8	20.88	22.88	30.00	PASS
				1RB#14	20.80	22.80	30.00	PASS
				8RB#0	19.75	21.75	30.00	PASS
				8RB#4	19.76	21.76	30.00	PASS
				8RB#7	19.79	21.79	30.00	PASS
				15RB#0	19.73	21.73	30.00	PASS
			20175	1RB#0	20.71	22.71	30.00	PASS
				1RB#8	20.79	22.79	30.00	PASS
				1RB#14	20.68	22.68	30.00	PASS
				8RB#0	19.60	21.60	30.00	PASS
				8RB#4	19.59	21.59	30.00	PASS
				8RB#7	19.62	21.62	30.00	PASS
				15RB#0	19.60	21.60	30.00	PASS
			20385	1RB#0	20.83	22.83	30.00	PASS
				1RB#8	20.87	22.87	30.00	PASS
				1RB#14	20.80	22.80	30.00	PASS
				8RB#0	19.80	21.80	30.00	PASS
				8RB#4	19.77	21.77	30.00	PASS
				8RB#7	19.66	21.66	30.00	PASS
				15RB#0	19.79	21.79	30.00	PASS





BAND	Bandwidth	Modulation	Channel	RB Configuration	Conducted (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
BAND4	5MHz	LTE/TM1	19975	1RB#0	22.69	24.69	30.00	PASS
				1RB#12	22.70	24.70	30.00	PASS
				1RB#24	22.78	24.78	30.00	PASS
				12RB#0	21.77	23.77	30.00	PASS
				12RB#6	21.78	23.78	30.00	PASS
				12RB#13	21.80	23.80	30.00	PASS
				25RB#0	21.75	23.75	30.00	PASS
			20175	1RB#0	22.54	24.54	30.00	PASS
				1RB#12	22.58	24.58	30.00	PASS
				1RB#24	22.60	24.60	30.00	PASS
				12RB#0	21.64	23.64	30.00	PASS
				12RB#6	21.65	23.65	30.00	PASS
				12RB#13	21.64	23.64	30.00	PASS
				25RB#0	21.60	23.60	30.00	PASS
			20375	1RB#0	22.76	24.76	30.00	PASS
				1RB#12	22.75	24.75	30.00	PASS
				1RB#24	22.71	24.71	30.00	PASS
				12RB#0	21.78	23.78	30.00	PASS
				12RB#6	21.79	23.79	30.00	PASS
				12RB#13	21.79	23.79	30.00	PASS
				25RB#0	21.75	23.75	30.00	PASS





BAND	Bandwidth	Modulation	Channel	RB Configuration	Conducted (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
BAND4	5MHz	LTE/TM2	19975	1RB#0	21.90	23.90	30.00	PASS
				1RB#12	21.89	23.89	30.00	PASS
				1RB#24	22.04	24.04	30.00	PASS
				12RB#0	20.88	22.88	30.00	PASS
				12RB#6	20.91	22.91	30.00	PASS
				12RB#13	20.94	22.94	30.00	PASS
				25RB#0	20.84	22.84	30.00	PASS
			20175	1RB#0	21.76	23.76	30.00	PASS
				1RB#12	21.79	23.79	30.00	PASS
				1RB#24	21.85	23.85	30.00	PASS
				12RB#0	20.73	22.73	30.00	PASS
				12RB#6	20.72	22.72	30.00	PASS
				12RB#13	20.73	22.73	30.00	PASS
				25RB#0	20.69	22.69	30.00	PASS
			20375	1RB#0	21.93	23.93	30.00	PASS
				1RB#12	21.92	23.92	30.00	PASS
				1RB#24	21.93	23.93	30.00	PASS
				12RB#0	20.89	22.89	30.00	PASS
				12RB#6	20.91	22.91	30.00	PASS
				12RB#13	20.94	22.94	30.00	PASS
				25RB#0	20.85	22.85	30.00	PASS





BAND	Bandwidth	Modulation	Channel	RB Configuration	Conducted (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
BAND4	5MHz	LTE/TM3	19975	1RB#0	21.01	23.01	30.00	PASS
				1RB#12	20.97	22.97	30.00	PASS
				1RB#24	21.05	23.05	30.00	PASS
				12RB#0	19.92	21.92	30.00	PASS
				12RB#6	19.93	21.93	30.00	PASS
				12RB#13	19.90	21.90	30.00	PASS
				25RB#0	19.86	21.86	30.00	PASS
			20175	1RB#0	20.73	22.73	30.00	PASS
				1RB#12	20.75	22.75	30.00	PASS
				1RB#24	20.80	22.80	30.00	PASS
				12RB#0	19.76	21.76	30.00	PASS
				12RB#6	19.76	21.76	30.00	PASS
				12RB#13	19.73	21.73	30.00	PASS
				25RB#0	19.72	21.72	30.00	PASS
			20375	1RB#0	21.00	23.00	30.00	PASS
				1RB#12	20.88	22.88	30.00	PASS
				1RB#24	20.81	22.81	30.00	PASS
				12RB#0	19.93	21.93	30.00	PASS
				12RB#6	19.94	21.94	30.00	PASS
				12RB#13	19.90	21.90	30.00	PASS
				25RB#0	19.88	21.88	30.00	PASS





BAND	Bandwidth	Modulation	Channel	RB Configuration	Conducted (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
BAND4	10MHz	LTE/TM1	20000	1RB#0	22.92	24.92	30.00	PASS
				1RB#24	22.87	24.87	30.00	PASS
				1RB#49	22.90	24.90	30.00	PASS
				25RB#0	21.75	23.75	30.00	PASS
				25RB#12	21.76	23.76	30.00	PASS
				25RB#25	21.76	23.76	30.00	PASS
				50RB#0	21.77	23.77	30.00	PASS
			20175	1RB#0	22.42	24.42	30.00	PASS
				1RB#24	22.51	24.51	30.00	PASS
				1RB#49	22.65	24.65	30.00	PASS
				25RB#0	21.51	23.51	30.00	PASS
				25RB#12	21.50	23.50	30.00	PASS
				25RB#25	21.49	23.49	30.00	PASS
				50RB#0	21.50	23.50	30.00	PASS
			20350	1RB#0	22.73	24.73	30.00	PASS
				1RB#24	22.78	24.78	30.00	PASS
				1RB#49	22.74	24.74	30.00	PASS
				25RB#0	21.68	23.68	30.00	PASS
				25RB#12	21.68	23.68	30.00	PASS
				25RB#25	21.70	23.70	30.00	PASS
				50RB#0	21.68	23.68	30.00	PASS





BAND	Bandwidth	Modulation	Channel	RB Configuration	Conducted (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
BAND4	10MHz	LTE/TM2	20000	1RB#0	21.99	23.99	30.00	PASS
				1RB#24	22.16	24.16	30.00	PASS
				1RB#49	22.16	24.16	30.00	PASS
				25RB#0	20.85	22.85	30.00	PASS
				25RB#12	20.86	22.86	30.00	PASS
				25RB#25	20.84	22.84	30.00	PASS
				50RB#0	20.81	22.81	30.00	PASS
			20175	1RB#0	21.64	23.64	30.00	PASS
				1RB#24	21.70	23.70	30.00	PASS
				1RB#49	21.88	23.88	30.00	PASS
				25RB#0	20.61	22.61	30.00	PASS
				25RB#12	20.56	22.56	30.00	PASS
				25RB#25	20.57	22.57	30.00	PASS
				50RB#0	20.55	22.55	30.00	PASS
			20350	1RB#0	21.90	23.90	30.00	PASS
				1RB#24	22.01	24.01	30.00	PASS
				1RB#49	22.16	24.16	30.00	PASS
				25RB#0	20.77	22.77	30.00	PASS
				25RB#12	20.81	22.81	30.00	PASS
				25RB#25	20.80	22.80	30.00	PASS
				50RB#0	20.74	22.74	30.00	PASS





BAND	Bandwidth	Modulation	Channel	RB Configuration	Conducted (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
BAND4	10MHz	LTE/TM3	20000	1RB#0	21.03	23.03	30.00	PASS
				1RB#24	21.10	23.10	30.00	PASS
				1RB#49	21.10	23.10	30.00	PASS
				25RB#0	19.90	21.90	30.00	PASS
				25RB#12	19.90	21.90	30.00	PASS
				25RB#25	19.93	21.93	30.00	PASS
				50RB#0	19.83	21.83	30.00	PASS
			20175	1RB#0	20.81	22.81	30.00	PASS
				1RB#24	20.75	22.75	30.00	PASS
				1RB#49	20.92	22.92	30.00	PASS
				25RB#0	19.67	21.67	30.00	PASS
				25RB#12	19.65	21.65	30.00	PASS
				25RB#25	19.66	21.66	30.00	PASS
				50RB#0	19.59	21.59	30.00	PASS
			20350	1RB#0	20.94	22.94	30.00	PASS
				1RB#24	20.94	22.94	30.00	PASS
				1RB#49	21.04	23.04	30.00	PASS
				25RB#0	19.80	21.80	30.00	PASS
				25RB#12	19.81	21.81	30.00	PASS
				25RB#25	19.84	21.84	30.00	PASS
				50RB#0	19.74	21.74	30.00	PASS





BAND	Bandwidth	Modulation	Channel	RB Configuration	Conducted (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
BAND4	15MHz	LTE/TM1	20025	1RB#0	22.82	24.82	30.00	PASS
				1RB#38	22.88	24.88	30.00	PASS
				1RB#74	22.67	24.67	30.00	PASS
				36RB#0	21.69	23.69	30.00	PASS
				36RB#18	21.72	23.72	30.00	PASS
				36RB#39	21.69	23.69	30.00	PASS
				75RB#0	21.73	23.73	30.00	PASS
			20175	1RB#0	22.62	24.62	30.00	PASS
				1RB#38	22.58	24.58	30.00	PASS
				1RB#74	22.78	24.78	30.00	PASS
				36RB#0	21.49	23.49	30.00	PASS
				36RB#18	21.53	23.53	30.00	PASS
				36RB#39	21.60	23.60	30.00	PASS
				75RB#0	21.56	23.56	30.00	PASS
			20325	1RB#0	22.78	24.78	30.00	PASS
				1RB#38	22.75	24.75	30.00	PASS
				1RB#74	22.74	24.74	30.00	PASS
				36RB#0	21.62	23.62	30.00	PASS
				36RB#18	21.66	23.66	30.00	PASS
				36RB#39	21.67	23.67	30.00	PASS
				75RB#0	21.67	23.67	30.00	PASS





BAND	Bandwidth	Modulation	Channel	RB Configuration	Conducted (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
BAND4	15MHz	LTE/TM2	20025	1RB#0	22.01	24.01	30.00	PASS
				1RB#38	22.05	24.05	30.00	PASS
				1RB#74	21.85	23.85	30.00	PASS
				36RB#0	20.78	22.78	30.00	PASS
				36RB#18	20.78	22.78	30.00	PASS
				36RB#39	20.77	22.77	30.00	PASS
				75RB#0	20.76	22.76	30.00	PASS
			20175	1RB#0	21.79	23.79	30.00	PASS
				1RB#38	21.83	23.83	30.00	PASS
				1RB#74	21.90	23.90	30.00	PASS
				36RB#0	20.54	22.54	30.00	PASS
				36RB#18	20.58	22.58	30.00	PASS
				36RB#39	20.67	22.67	30.00	PASS
				75RB#0	20.59	22.59	30.00	PASS
			20325	1RB#0	22.00	24.00	30.00	PASS
				1RB#38	21.89	23.89	30.00	PASS
				1RB#74	21.95	23.95	30.00	PASS
				36RB#0	20.68	22.68	30.00	PASS
				36RB#18	20.73	22.73	30.00	PASS
				36RB#39	20.75	22.75	30.00	PASS
				75RB#0	20.72	22.72	30.00	PASS





BAND	Bandwidth	Modulation	Channel	RB Configuration	Conducted (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
BAND4	15MHz	LTE/TM3	20025	1RB#0	20.99	22.99	30.00	PASS
				1RB#38	21.05	23.05	30.00	PASS
				1RB#74	20.83	22.83	30.00	PASS
				36RB#0	19.78	21.78	30.00	PASS
				36RB#18	19.80	21.80	30.00	PASS
				36RB#39	19.77	21.77	30.00	PASS
				75RB#0	19.76	21.76	30.00	PASS
			20175	1RB#0	20.87	22.87	30.00	PASS
				1RB#38	20.87	22.87	30.00	PASS
				1RB#74	20.91	22.91	30.00	PASS
				36RB#0	19.58	21.58	30.00	PASS
				36RB#18	19.64	21.64	30.00	PASS
				36RB#39	19.69	21.69	30.00	PASS
				75RB#0	19.64	21.64	30.00	PASS
			20325	1RB#0	20.87	22.87	30.00	PASS
				1RB#38	20.96	22.96	30.00	PASS
				1RB#74	20.97	22.97	30.00	PASS
				36RB#0	19.70	21.70	30.00	PASS
				36RB#18	19.72	21.72	30.00	PASS
				36RB#39	19.73	21.73	30.00	PASS
				75RB#0	19.70	21.70	30.00	PASS





BAND	Bandwidth	Modulation	Channel	RB Configuration	Conducted (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
BAND4	20MHz	LTE/TM1	20050	1RB#0	22.88	24.88	30.00	PASS
				1RB#49	22.83	24.83	30.00	PASS
				1RB#99	22.62	24.62	30.00	PASS
				50RB#0	21.77	23.77	30.00	PASS
				50RB#25	21.75	23.75	30.00	PASS
				50RB#50	21.58	23.58	30.00	PASS
				100RB#0	21.75	23.75	30.00	PASS
			20175	1RB#0	22.79	24.79	30.00	PASS
				1RB#49	22.63	24.63	30.00	PASS
				1RB#99	22.81	24.81	30.00	PASS
				50RB#0	21.53	23.53	30.00	PASS
				50RB#25	21.52	23.52	30.00	PASS
				50RB#50	21.62	23.62	30.00	PASS
				100RB#0	21.61	23.61	30.00	PASS
			20300	1RB#0	22.73	24.73	30.00	PASS
				1RB#49	22.71	24.71	30.00	PASS
				1RB#99	22.87	24.87	30.00	PASS
				50RB#0	21.66	23.66	30.00	PASS
				50RB#25	21.63	23.63	30.00	PASS
				50RB#50	21.69	23.69	30.00	PASS
				100RB#0	21.67	23.67	30.00	PASS





BAND	Bandwidth	Modulation	Channel	RB Configuration	Conducted (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
BAND4	20MHz	LTE/TM2	20050	1RB#0	22.11	24.11	30.00	PASS
				1RB#49	22.20	24.20	30.00	PASS
				1RB#99	21.85	23.85	30.00	PASS
				50RB#0	20.80	22.80	30.00	PASS
				50RB#25	20.75	22.75	30.00	PASS
				50RB#50	20.65	22.65	30.00	PASS
				100RB#0	20.77	22.77	30.00	PASS
			20175	1RB#0	22.04	24.04	30.00	PASS
				1RB#49	21.75	23.75	30.00	PASS
				1RB#99	22.01	24.01	30.00	PASS
				50RB#0	20.58	22.58	30.00	PASS
				50RB#25	20.59	22.59	30.00	PASS
				50RB#50	20.67	22.67	30.00	PASS
				100RB#0	20.64	22.64	30.00	PASS
			20300	1RB#0	21.97	23.97	30.00	PASS
				1RB#49	21.91	23.91	30.00	PASS
				1RB#99	22.11	24.11	30.00	PASS
				50RB#0	20.73	22.73	30.00	PASS
				50RB#25	20.67	22.67	30.00	PASS
				50RB#50	20.73	22.73	30.00	PASS
				100RB#0	20.69	22.69	30.00	PASS





BAND	Bandwidth	Modulation	Channel	RB Configuration	Conducted (dBm)	EIRP (dBm)	Limit (dBm)	Verdict			
BAND4	20MHz	LTE/TM3	20050	1RB#0	21.09	23.09	30.00	PASS			
				1RB#49	20.98	22.98	30.00	PASS			
				1RB#99	20.72	22.72	30.00	PASS			
				50RB#0	19.81	21.81	30.00	PASS			
				50RB#25	19.80	21.80	30.00	PASS			
				50RB#50	19.66	21.66	30.00	PASS			
			20175	100RB#0	19.78	21.78	30.00	PASS			
				1RB#0	21.09	23.09	30.00	PASS			
				1RB#49	20.87	22.87	30.00	PASS			
				1RB#99	20.96	22.96	30.00	PASS			
				50RB#0	19.59	21.59	30.00	PASS			
				50RB#25	19.61	21.61	30.00	PASS			
			20300	50RB#50	19.68	21.68	30.00	PASS			
				100RB#0	19.65	21.65	30.00	PASS			
				1RB#0	20.90	22.90	30.00	PASS			
				1RB#49	20.88	22.88	30.00	PASS			
				1RB#99	21.09	23.09	30.00	PASS			
				50RB#0	19.70	21.70	30.00	PASS			
							50RB#25	19.69	21.69	30.00	PASS
							50RB#50	19.74	21.74	30.00	PASS
							100RB#0	19.69	21.69	30.00	PASS

Remark:

a: For getting the EIRP (Efficient Isotropic Radiated Power), the following formula should be taken to calculate it,

$$\text{EIRP [dBm]} = \text{Conducted power [dBm]} + \text{Gain [dBi]}$$



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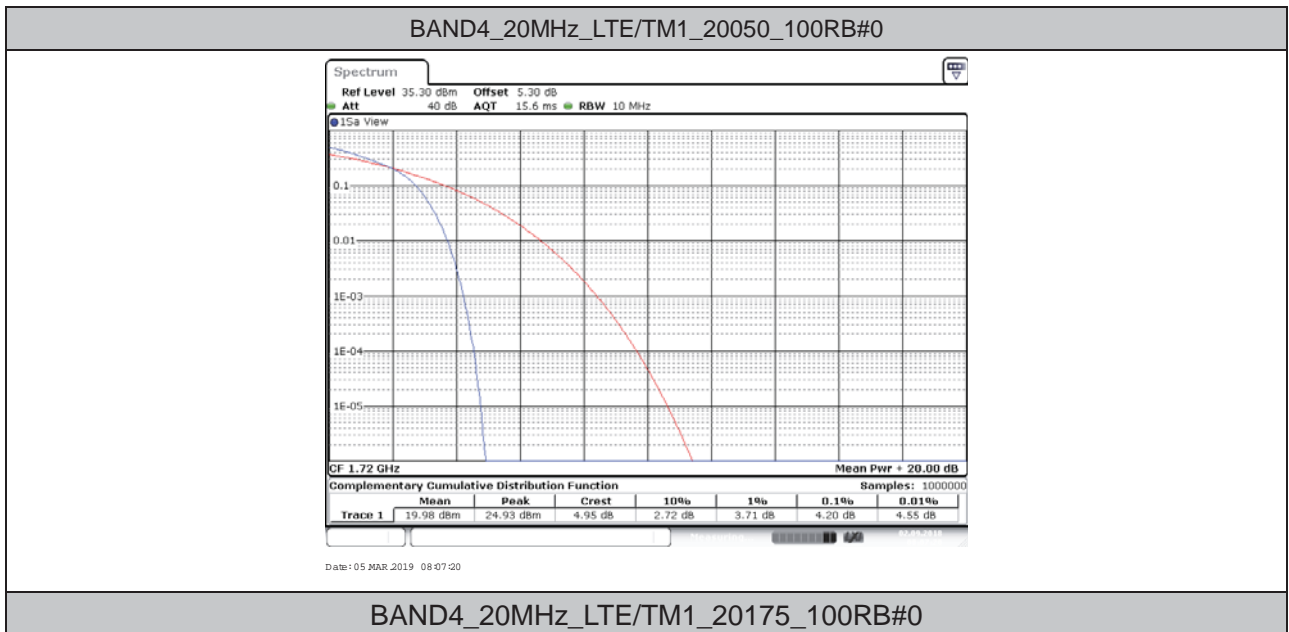
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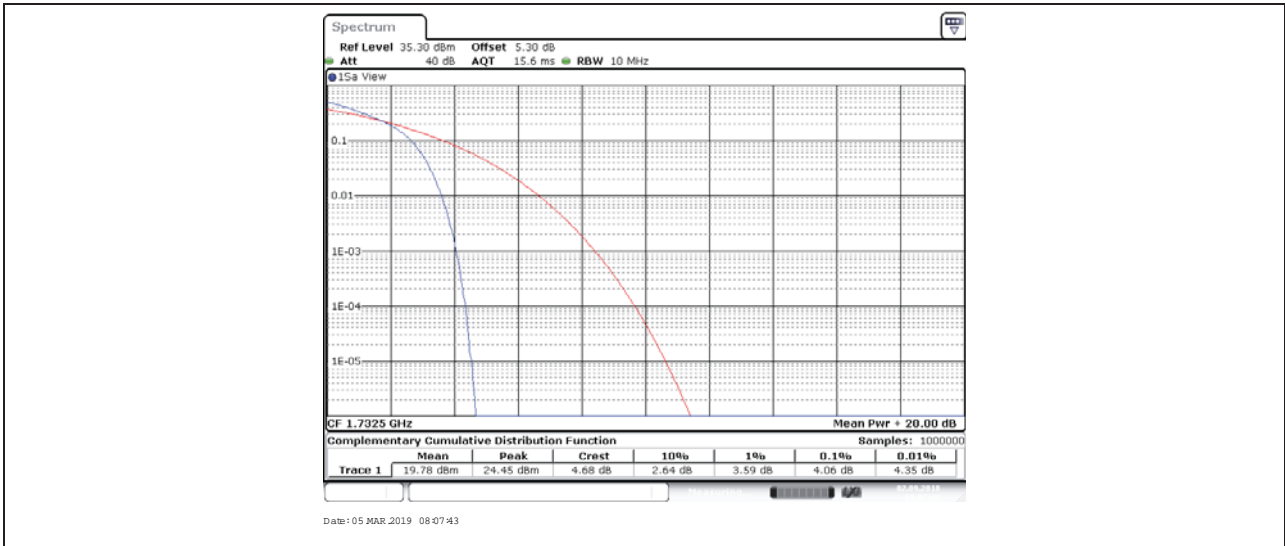
2. Peak-to-Average Ratio(CCDFF)

2.1. Test Result

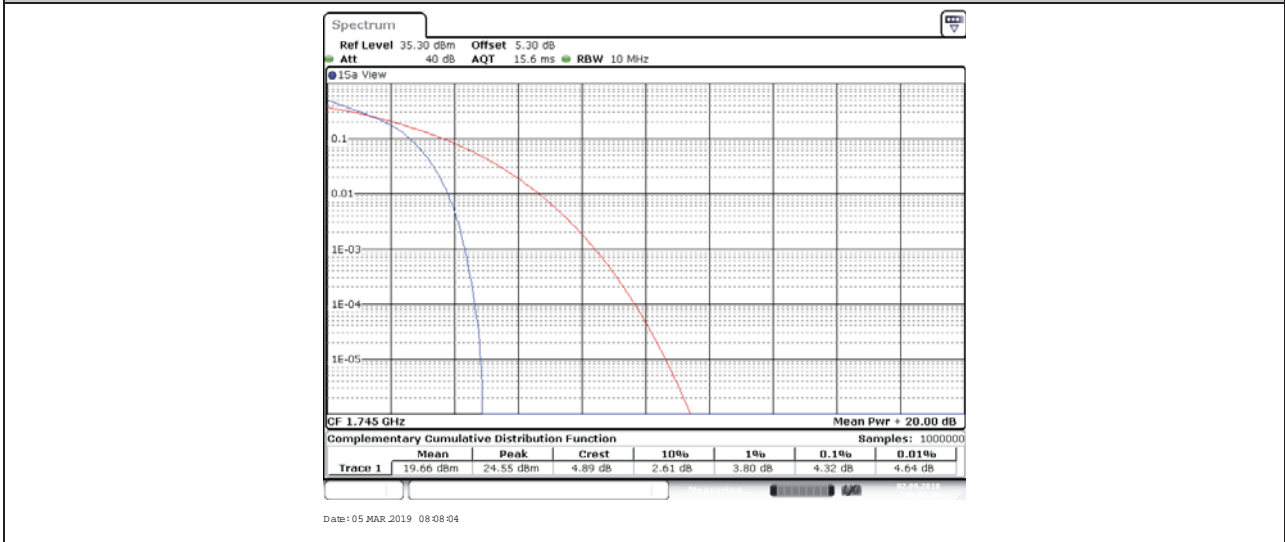
BAND	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
BAND4	20MHz	QPSK	20050	100RB#0	4.20	13	PASS
			20175	100RB#0	4.06	13	PASS
			20300	100RB#0	4.32	13	PASS
		64QAM	20050	100RB#0	6.26	13	PASS
			20175	100RB#0	6.00	13	PASS
			20300	100RB#0	6.23	13	PASS
		16QAM	20050	100RB#0	5.88	13	PASS
			20175	100RB#0	5.65	13	PASS
			20300	100RB#0	5.86	13	PASS

2.2. Test Plots



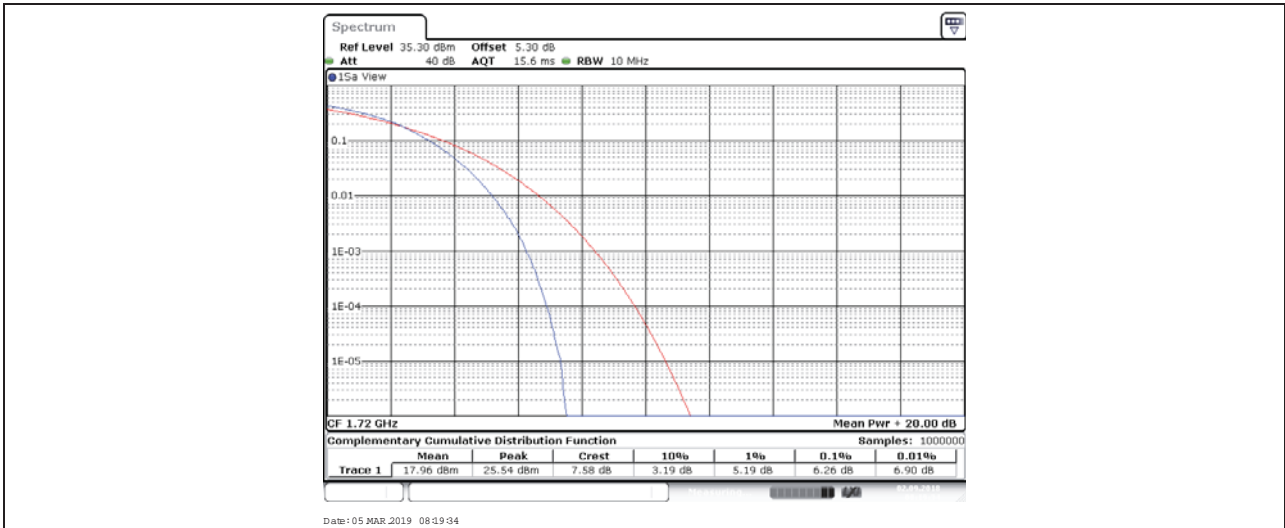


BAND4_20MHz_LTE/TM1_20300_100RB#0

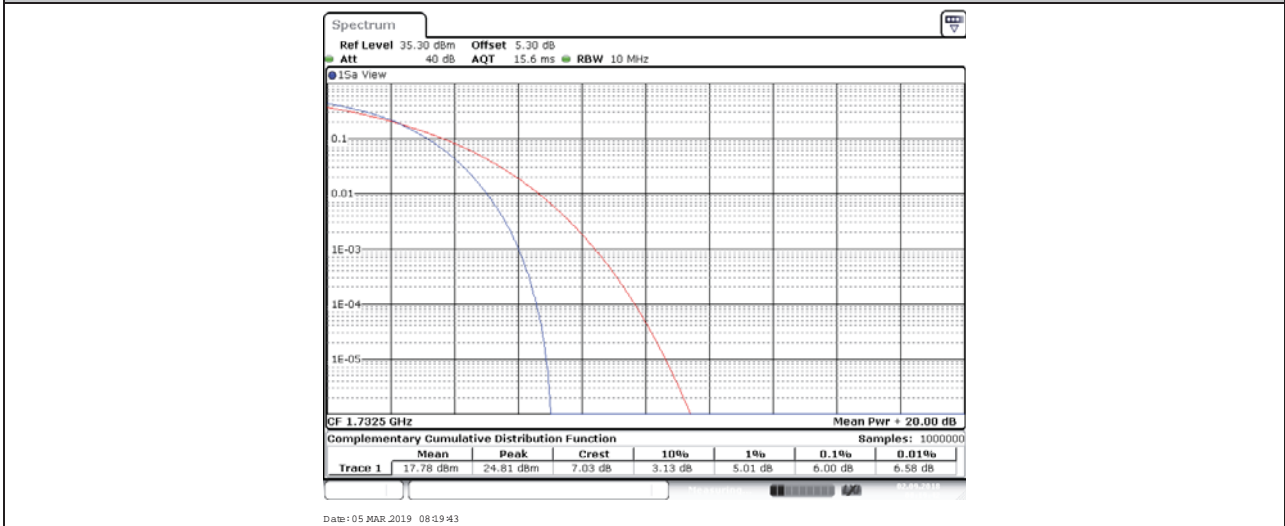


BAND4_20MHz_64QAM_20050_100RB#0



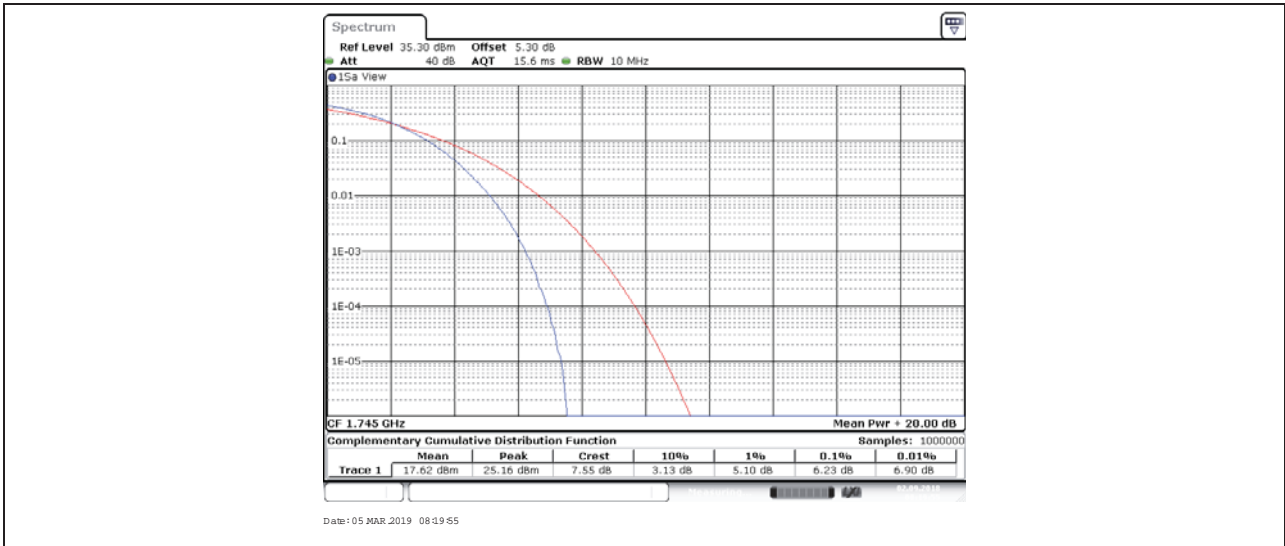


BAND4_20MHz_64QAM_20175_100RB#0

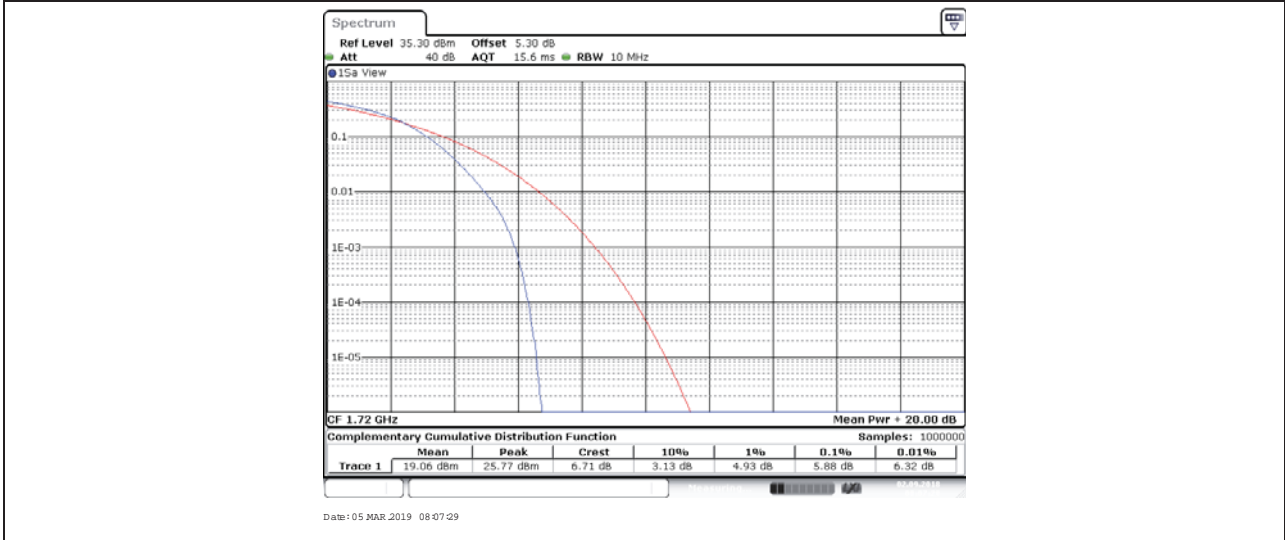


BAND4_20MHz_64QAM_20300_100RB#0



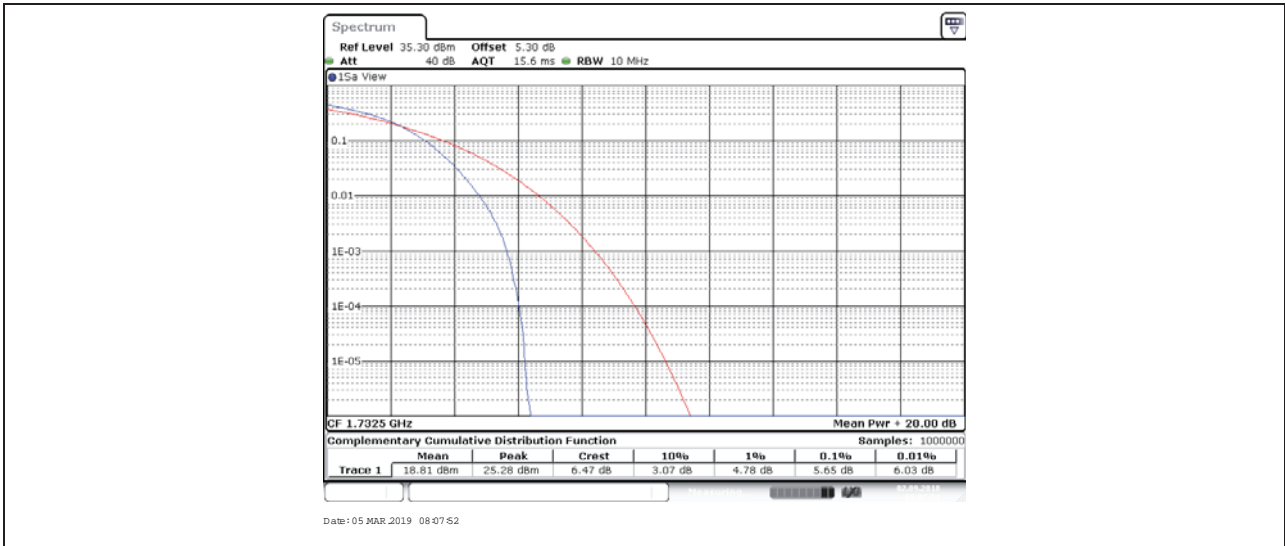


BAND4_20MHz_16QAM_20050_100RB#0

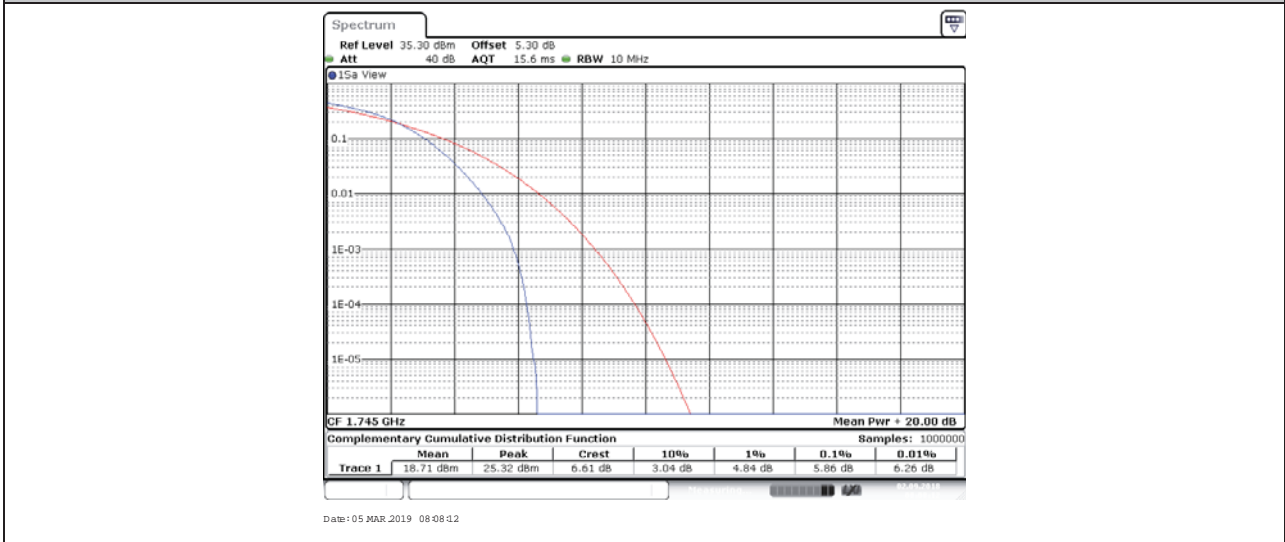


BAND4_20MHz_16QAM_20175_100RB#0





BAND4_20MHz_16QAM_20300_100RB#0

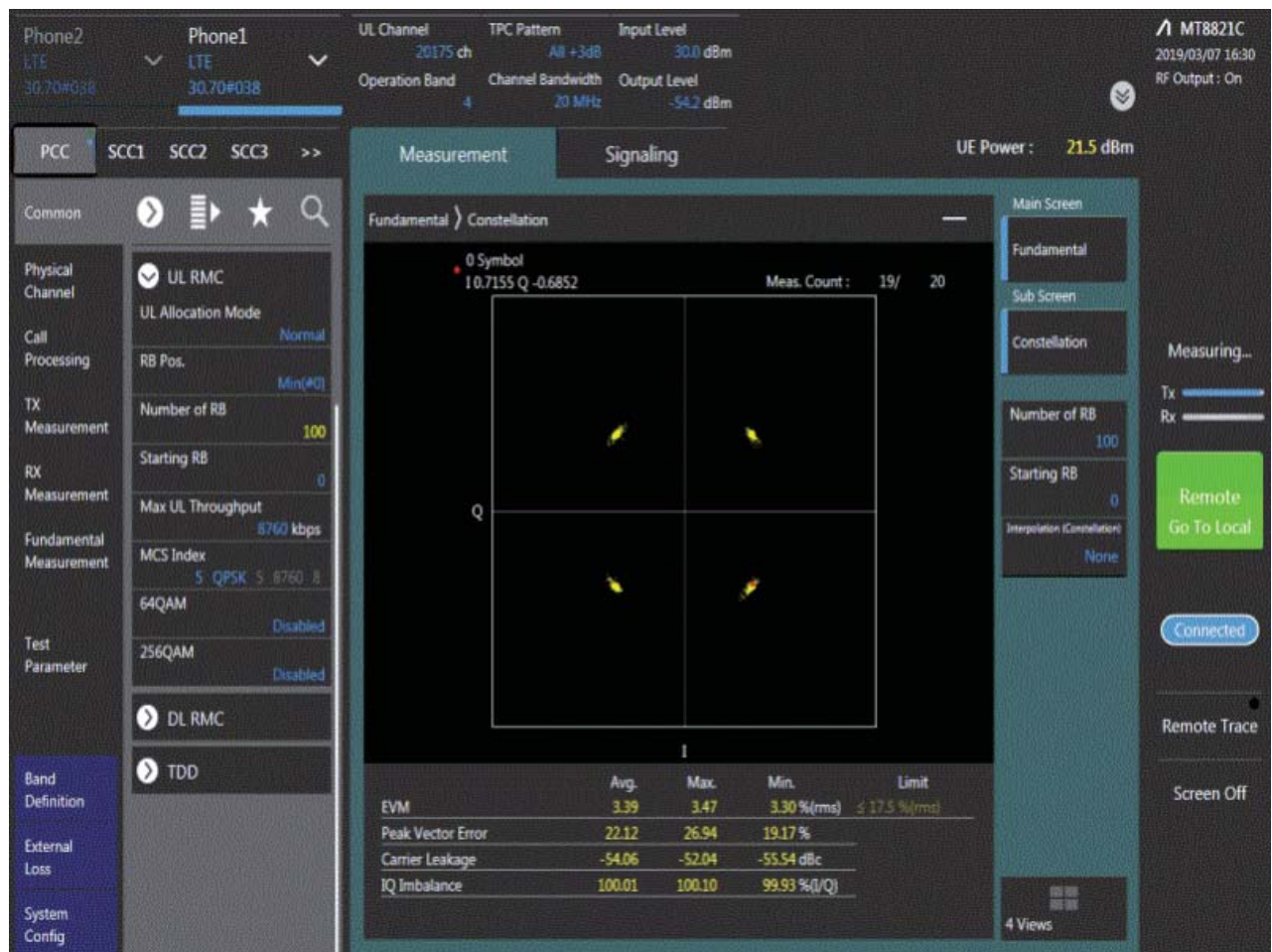


3. Modulation Characteristics

3.1. Test BAND = LTE BAND4

3.1.1. Test Mode = LTE /TM1 20MHz

3.1.1.1. Test Channel = MCH



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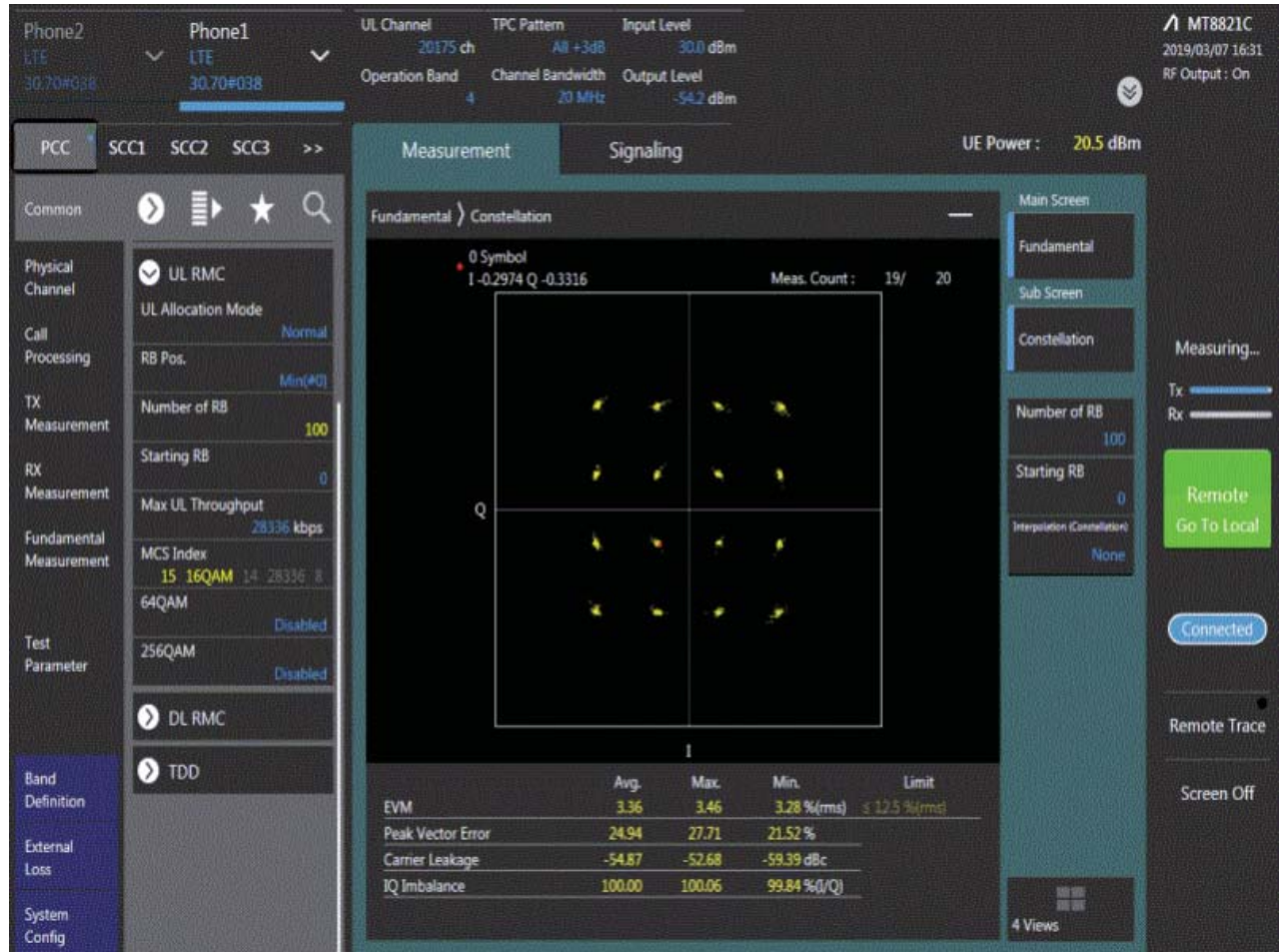
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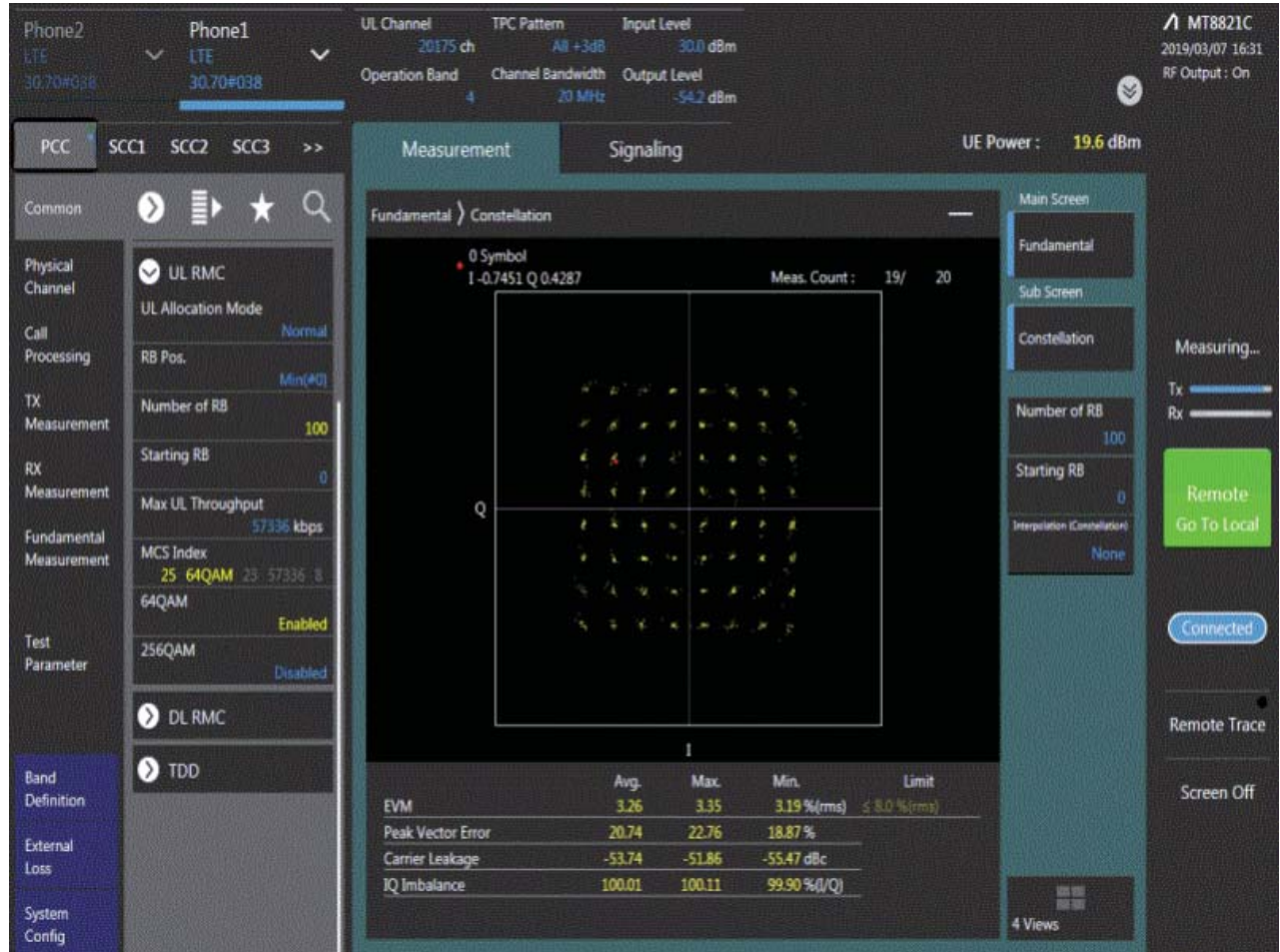
3.1.2. Test Mode = LTE /TM2 20MHz

3.1.2.1. Test Channel = MCH



3.1.1. Test Mode = LTE /TM3 20MHz

3.1.1.1. Test Channel = MCH



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4. 26dB Bandwidth and Occupied Bandwidth

4.1. Test Result

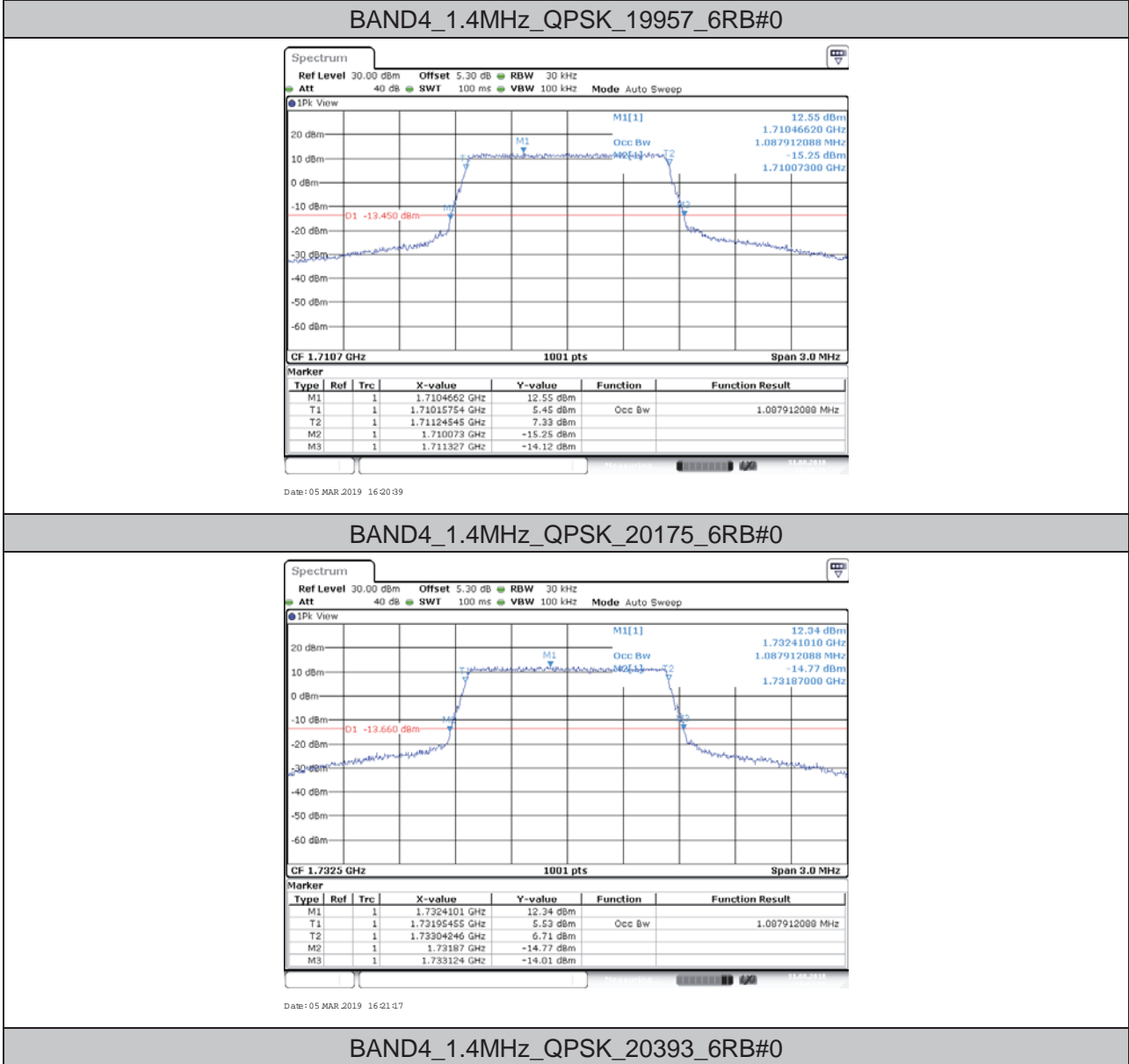
BAND	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
BAND4	1.4MHz	QPSK	19957	6RB#0	1.088	1.254	PASS
			20175	6RB#0	1.088	1.254	PASS
			20393	6RB#0	1.085	1.248	PASS
		64QAM	19957	6RB#0	1.085	1.251	PASS
			20175	6RB#0	1.088	1.245	PASS
			20393	6RB#0	1.088	1.251	PASS
		16QAM	19957	6RB#0	1.088	1.251	PASS
			20175	6RB#0	1.091	1.254	PASS
			20393	6RB#0	1.088	1.251	PASS
	3MHz	QPSK	19965	15RB#0	2.691	2.976	PASS
			20175	15RB#0	2.691	2.988	PASS
			20385	15RB#0	2.685	2.970	PASS
		64QAM	19965	15RB#0	2.679	2.976	PASS
			20175	15RB#0	2.685	2.976	PASS
			20385	15RB#0	2.685	2.976	PASS
		16QAM	19965	15RB#0	2.685	2.988	PASS
			20175	15RB#0	2.685	2.976	PASS
			20385	15RB#0	2.679	2.982	PASS
	5MHz	QPSK	19975	25RB#0	4.466	4.830	PASS
			20175	25RB#0	4.466	4.890	PASS
			20375	25RB#0	4.456	4.860	PASS
		64QAM	19975	25RB#0	4.466	4.890	PASS
			20175	25RB#0	4.466	4.870	PASS
			20375	25RB#0	4.456	4.860	PASS
		16QAM	19975	25RB#0	4.466	4.880	PASS
			20175	25RB#0	4.466	4.880	PASS
			20375	25RB#0	4.466	4.870	PASS
	10MHz	QPSK	20000	50RB#0	8.931	10.060	PASS
			20175	50RB#0	8.931	10.080	PASS
			20350	50RB#0	8.931	10.160	PASS

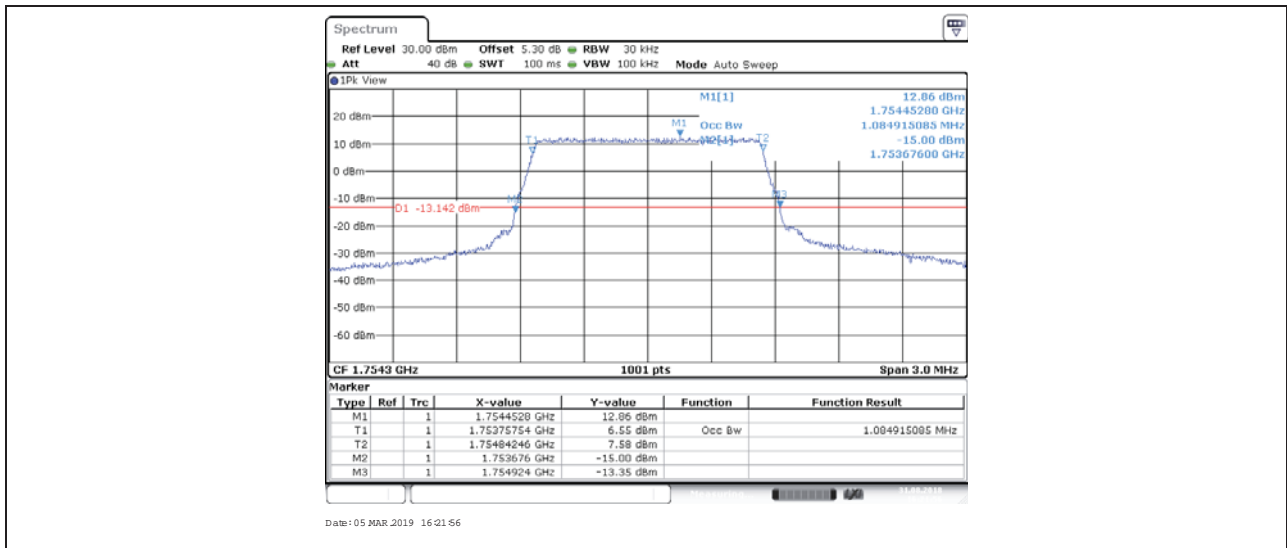


	64QAM	20000	50RB#0	8.931	10.040	PASS		
		20175	50RB#0	8.931	10.120	PASS		
		20350	50RB#0	8.931	10.100	PASS		
		16QAM	20000	50RB#0	8.911	10.080	PASS	
			20175	50RB#0	8.931	10.160	PASS	
			20350	50RB#0	8.931	10.120	PASS	
	15MHz	QPSK	20025	75RB#0	13.427	14.880	PASS	
			20175	75RB#0	13.457	15.150	PASS	
			20325	75RB#0	13.457	15.240	PASS	
		64QAM	20025	75RB#0	13.457	15.000	PASS	
			20175	75RB#0	13.457	15.060	PASS	
			20325	75RB#0	13.457	15.390	PASS	
		16QAM	20025	75RB#0	13.427	15.030	PASS	
			20175	75RB#0	13.457	15.030	PASS	
			20325	75RB#0	13.457	15.180	PASS	
		20MHz	QPSK	20050	100RB#0	17.822	19.480	PASS
				20175	100RB#0	17.862	19.480	PASS
				20300	100RB#0	17.902	19.600	PASS
	64QAM		20050	100RB#0	17.822	19.200	PASS	
			20175	100RB#0	17.862	19.320	PASS	
			20300	100RB#0	17.902	19.480	PASS	
16QAM	20050		100RB#0	17.822	19.240	PASS		
	20175		100RB#0	17.822	19.400	PASS		
	20300		100RB#0	17.902	19.600	PASS		

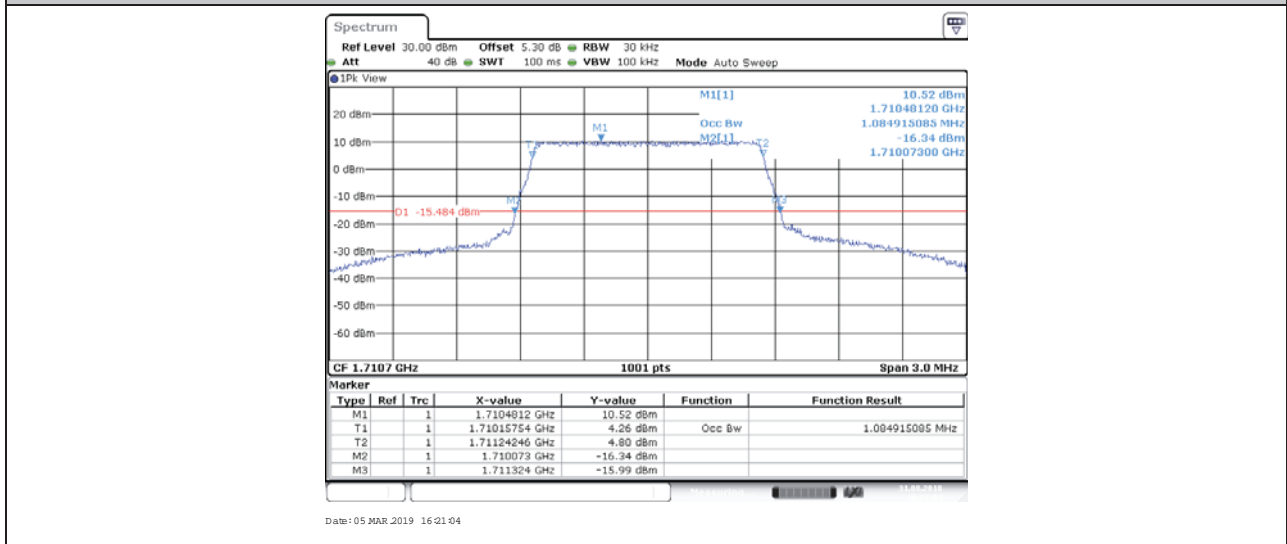


4.2. Test Plots



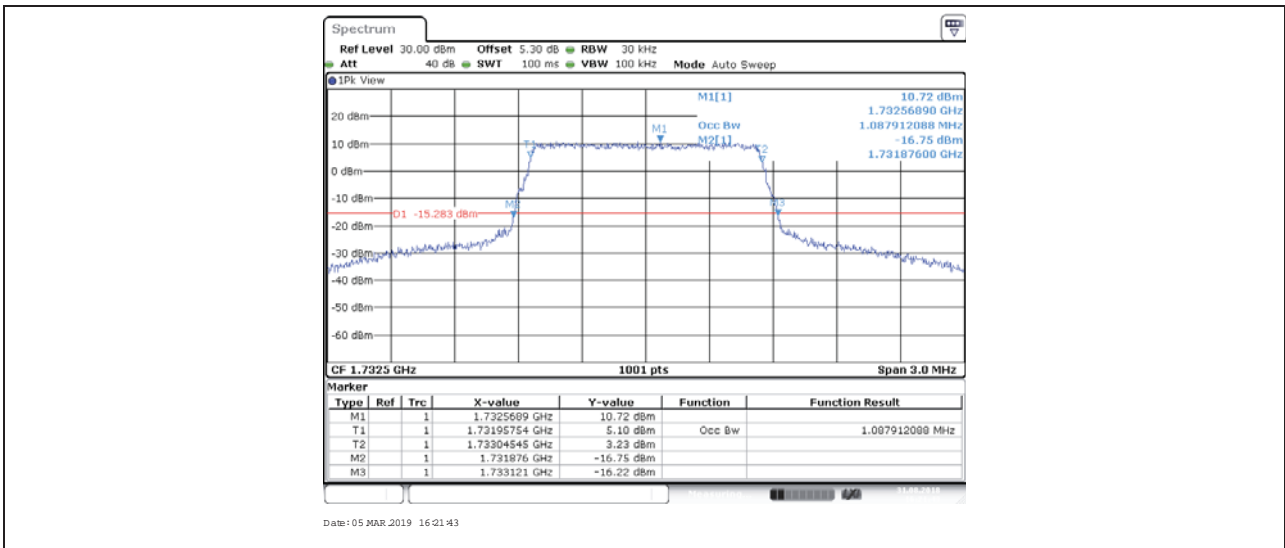


BAND4_1.4MHz_64QAM_19957_6RB#0

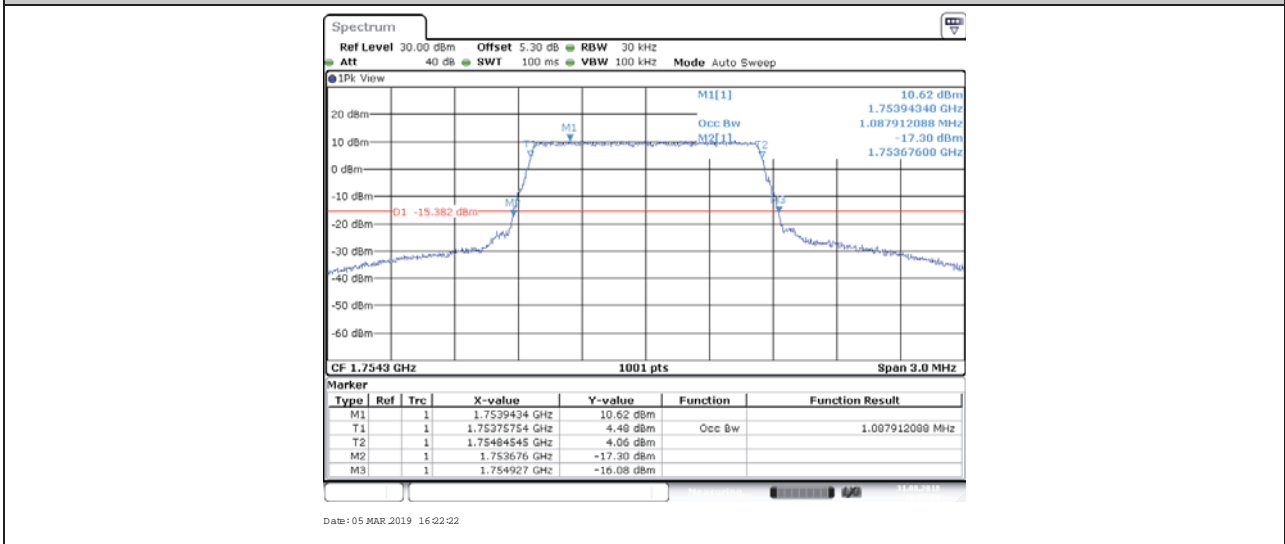


BAND4_1.4MHz_64QAM_20175_6RB#0



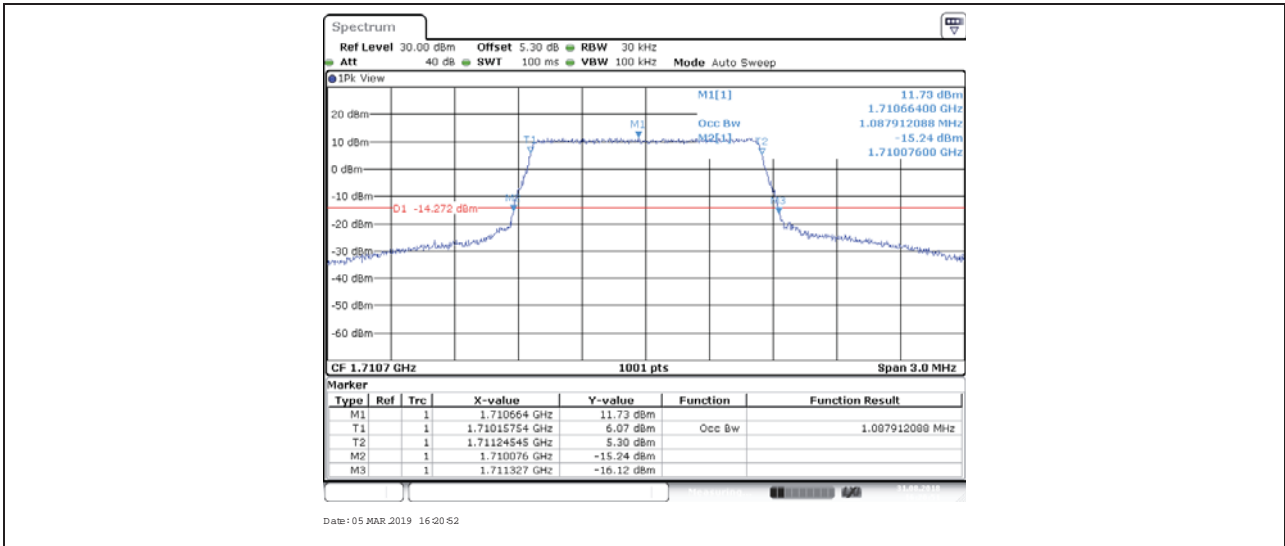


BAND4_1.4MHz_64QAM_20393_6RB#0

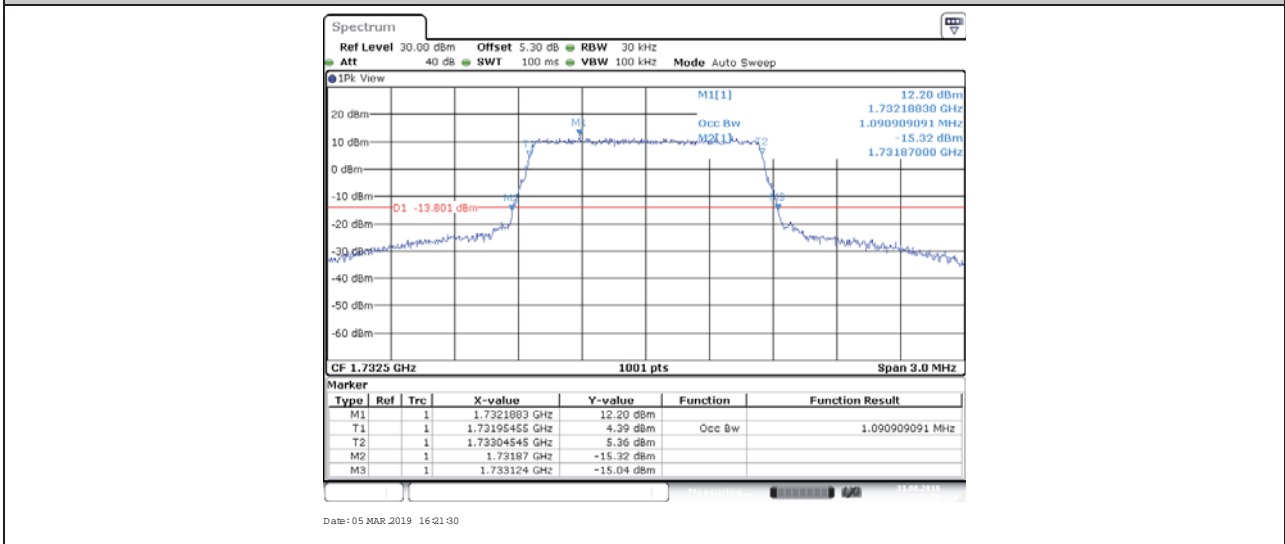


BAND4_1.4MHz_16QAM_19957_6RB#0



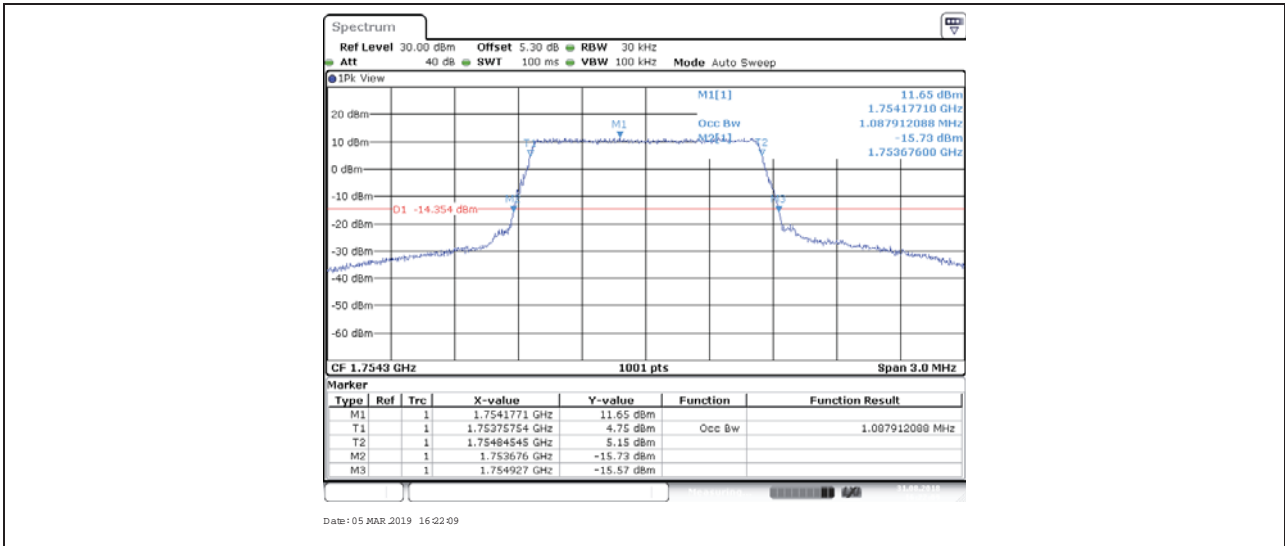


BAND4_1.4MHz_16QAM_20175_6RB#0

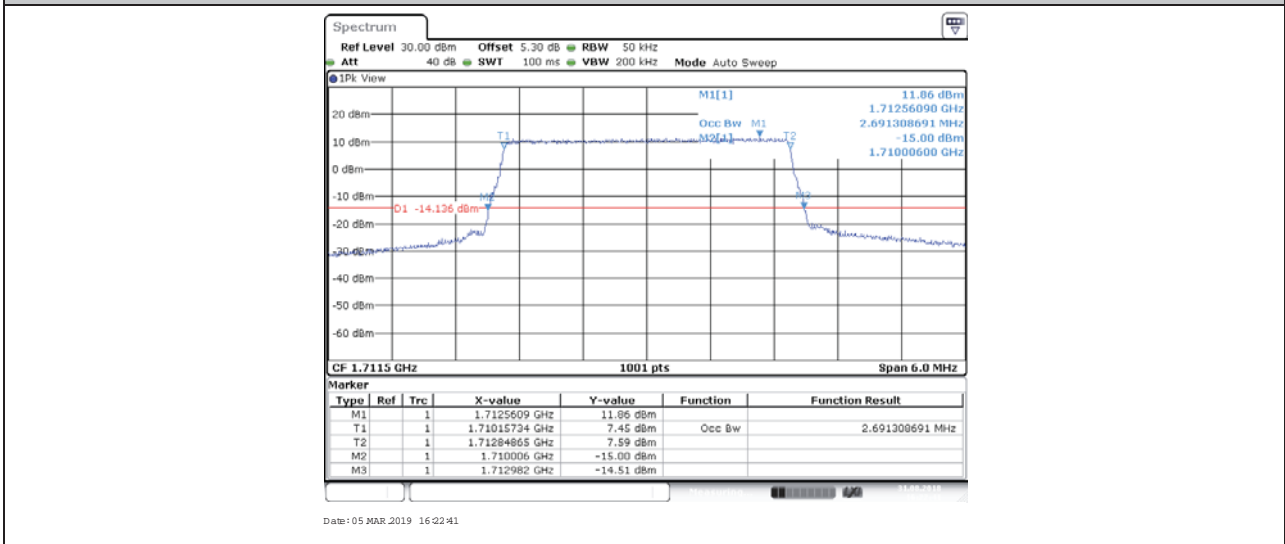


BAND4_1.4MHz_16QAM_20393_6RB#0



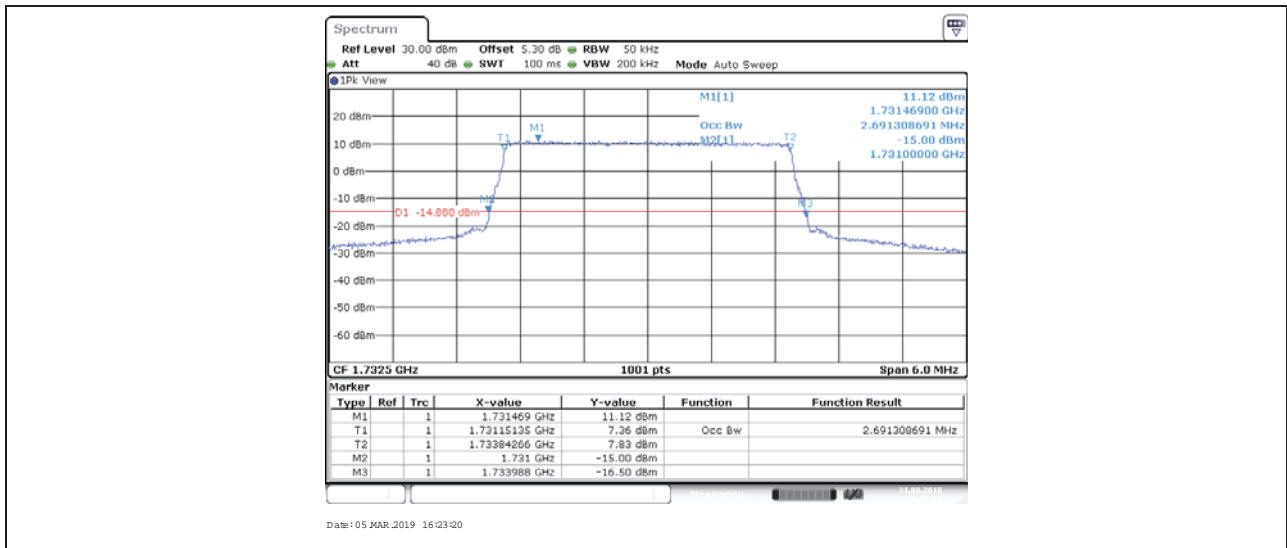


BAND4_3MHz_QPSK_19965_15RB#0

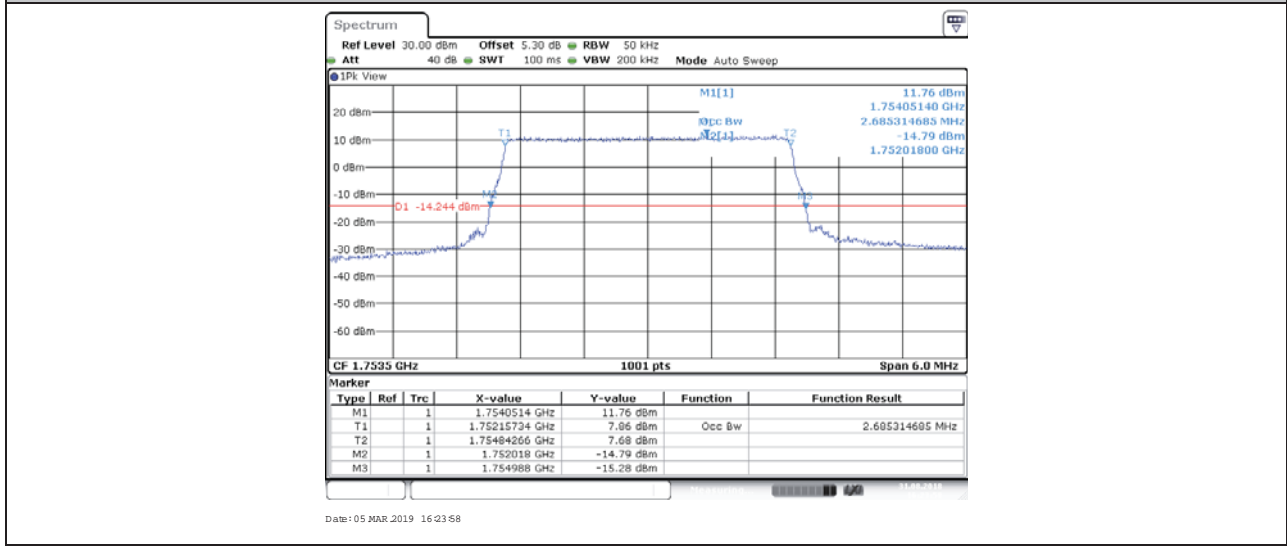


BAND4_3MHz_QPSK_20175_15RB#0



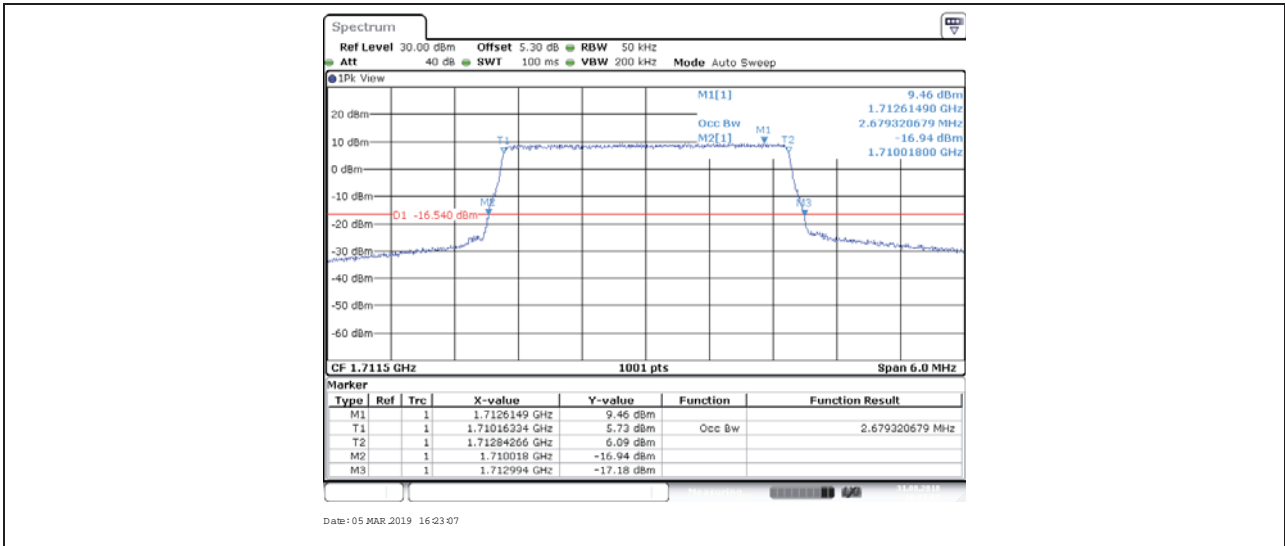


BAND4_3MHz_QPSK_20385_15RB#0

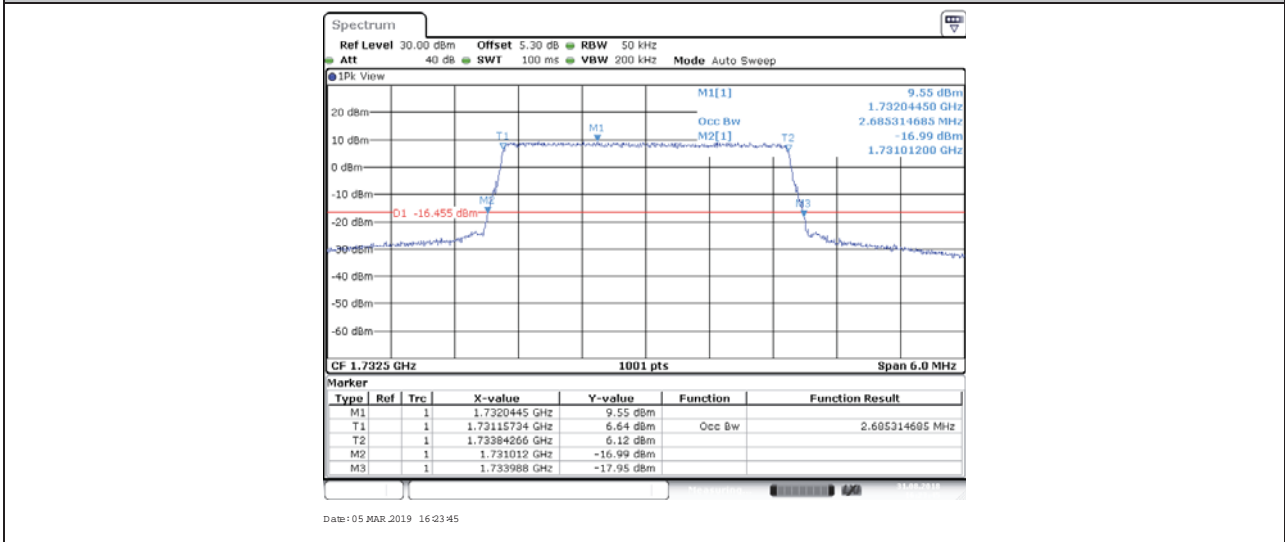


BAND4_3MHz_64QAM_19965_15RB#0



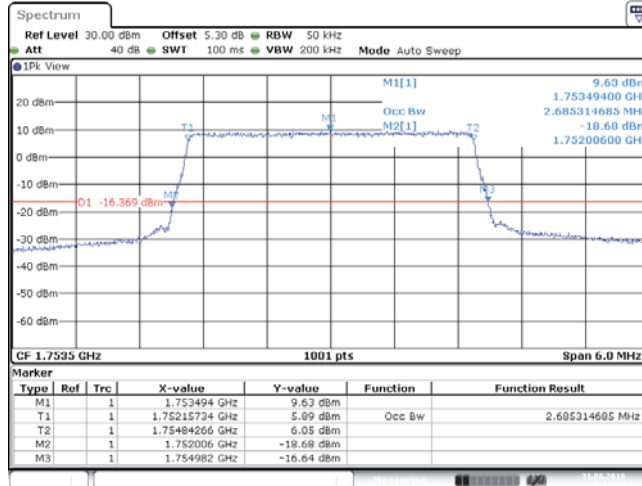


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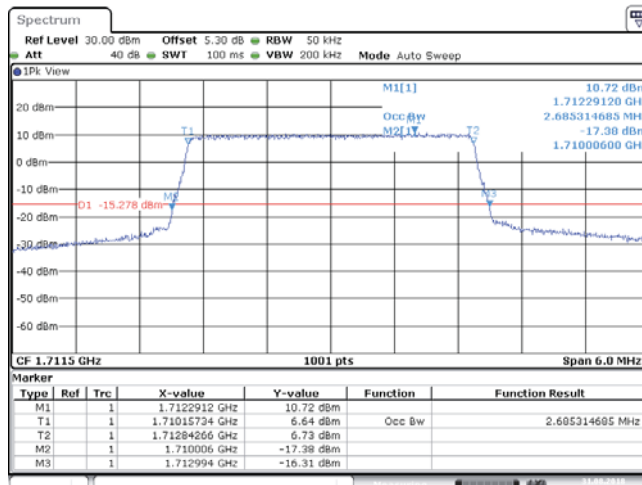


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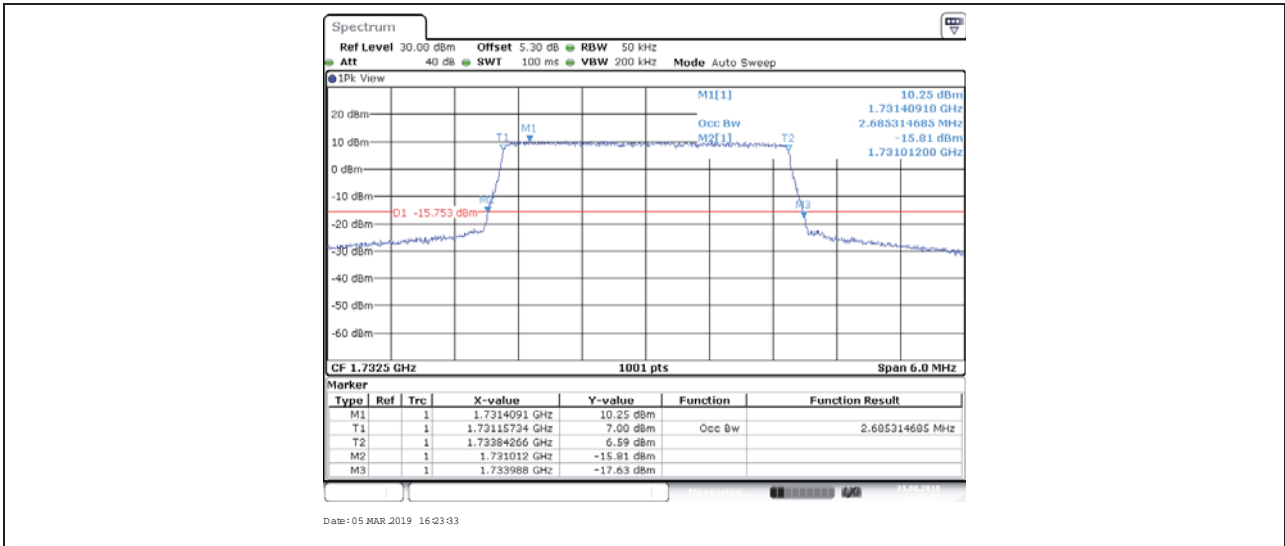


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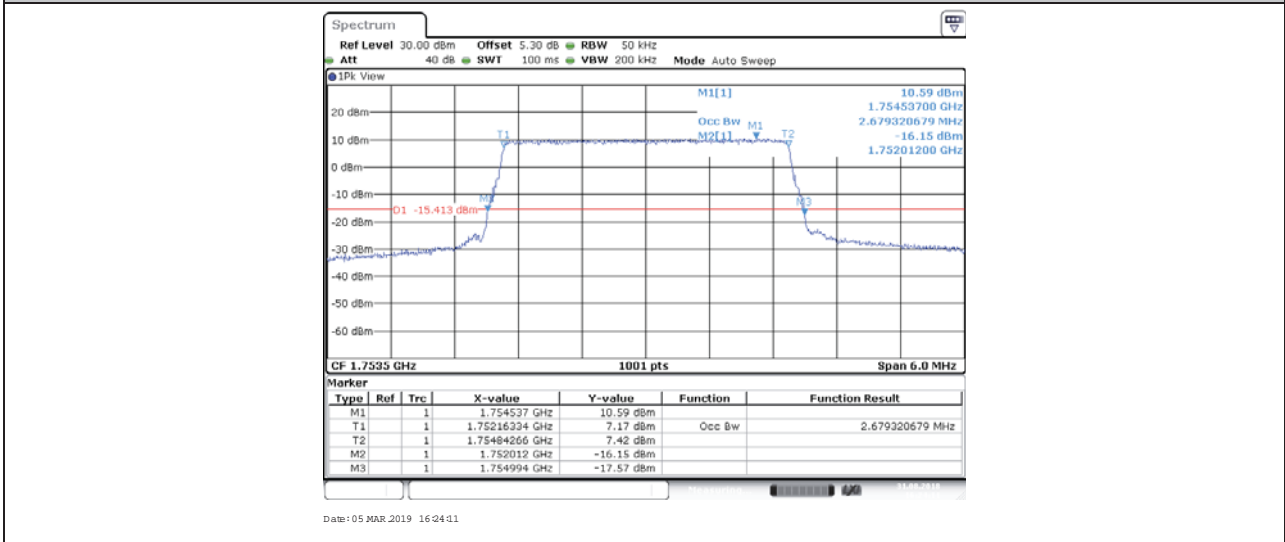


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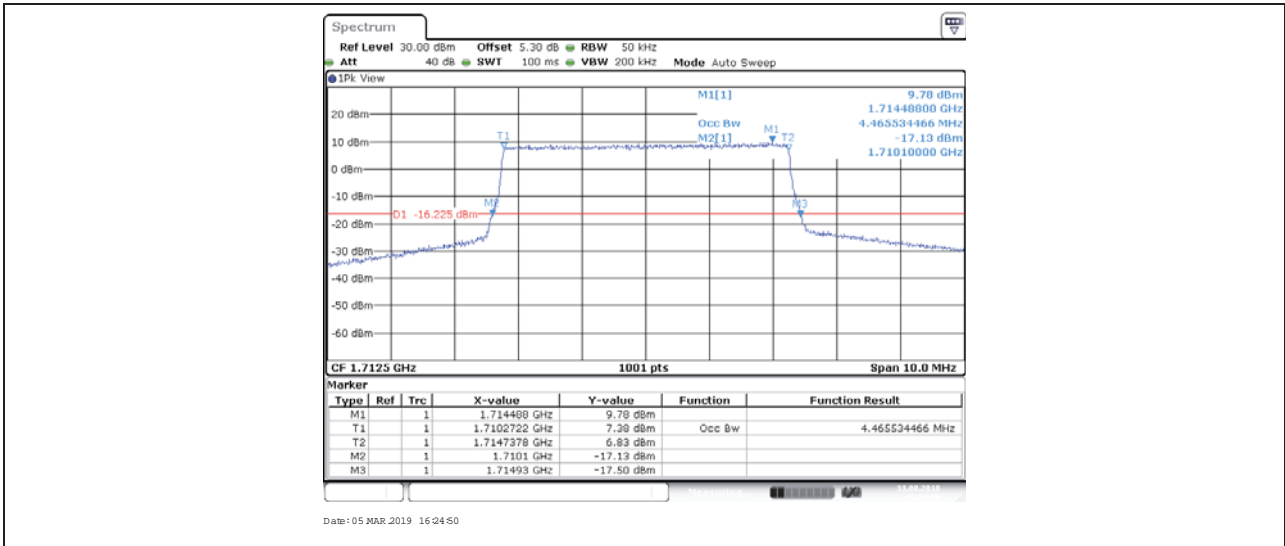


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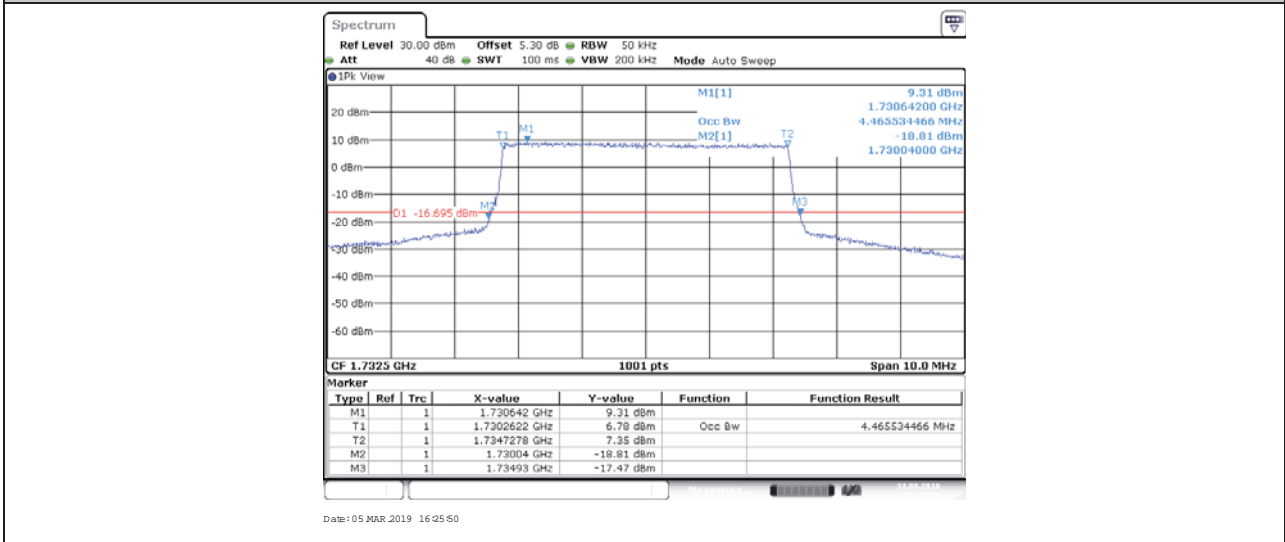


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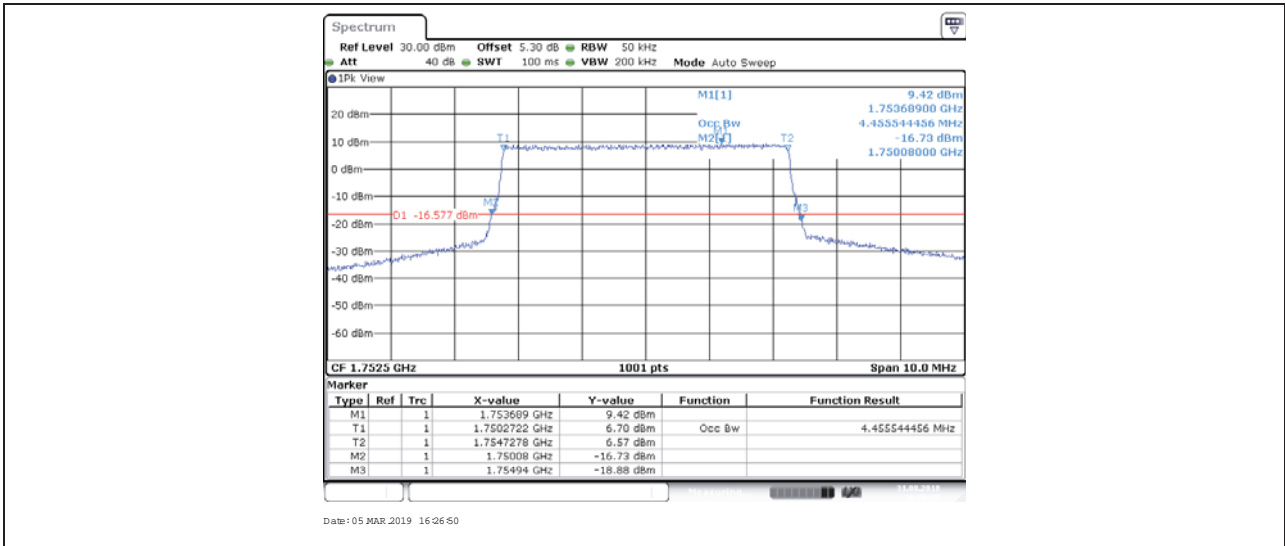


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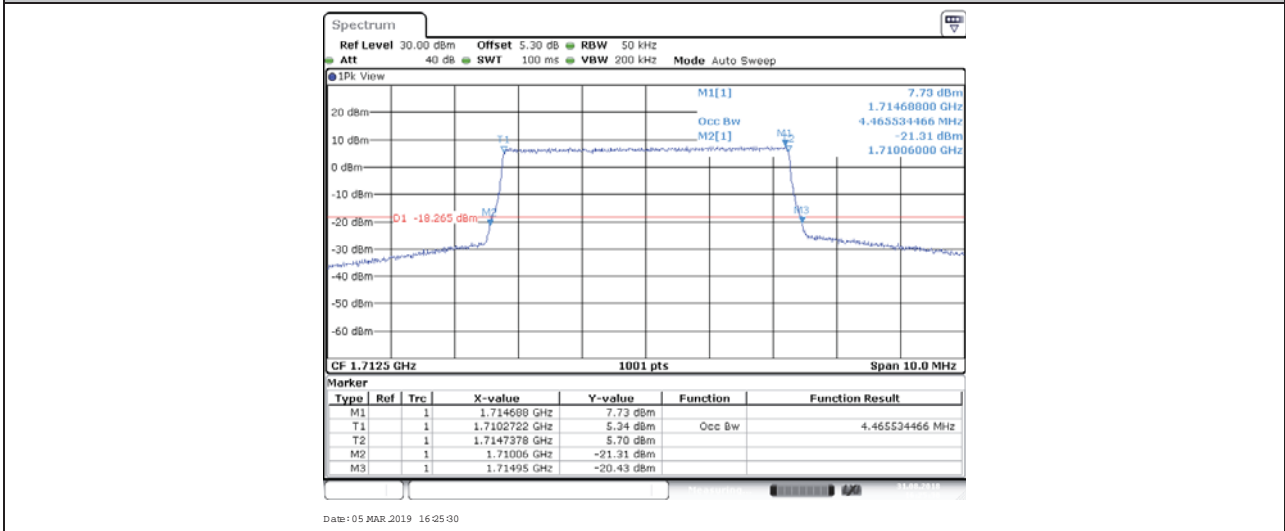


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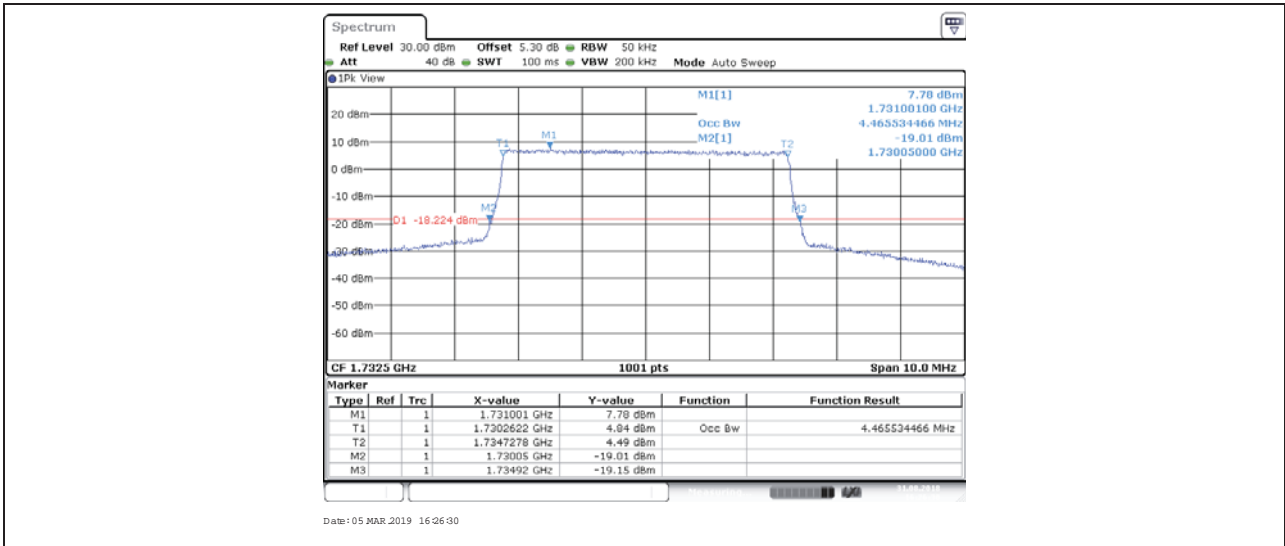


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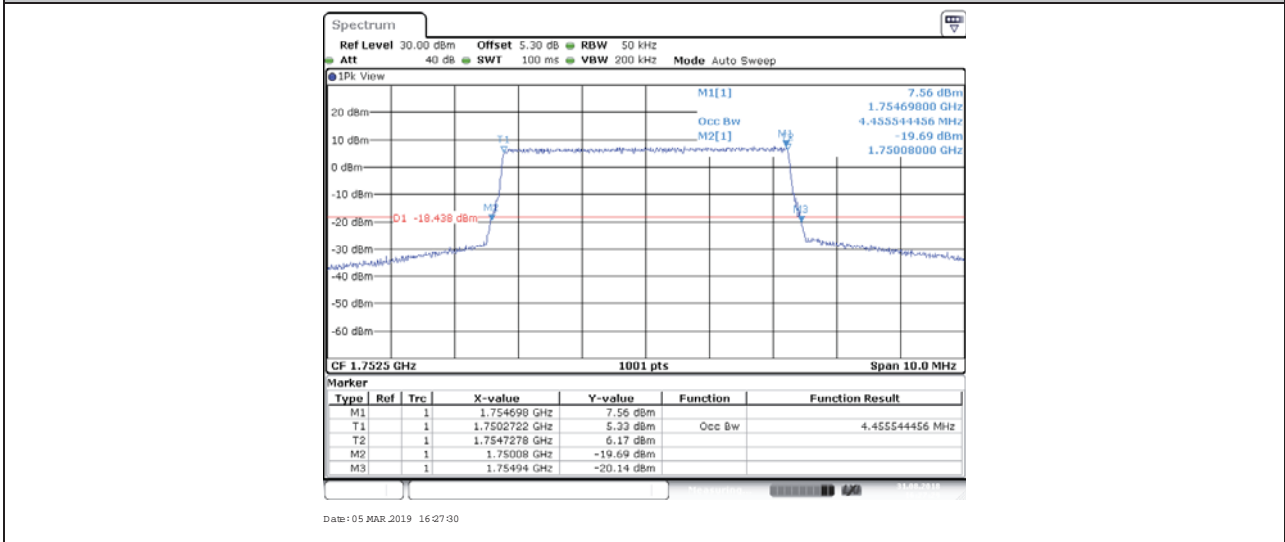


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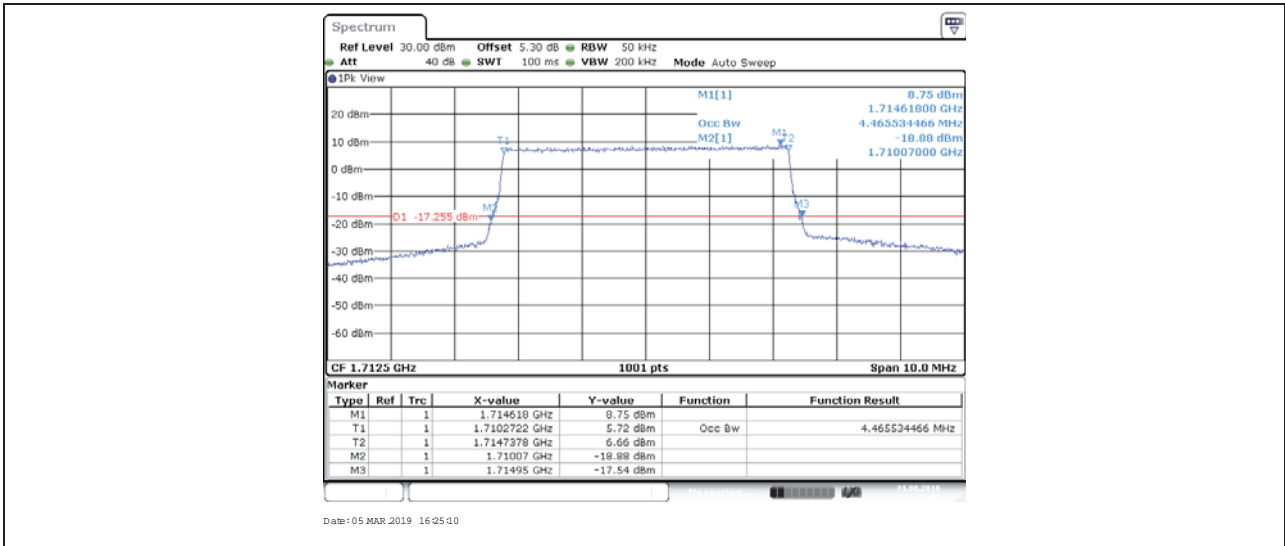


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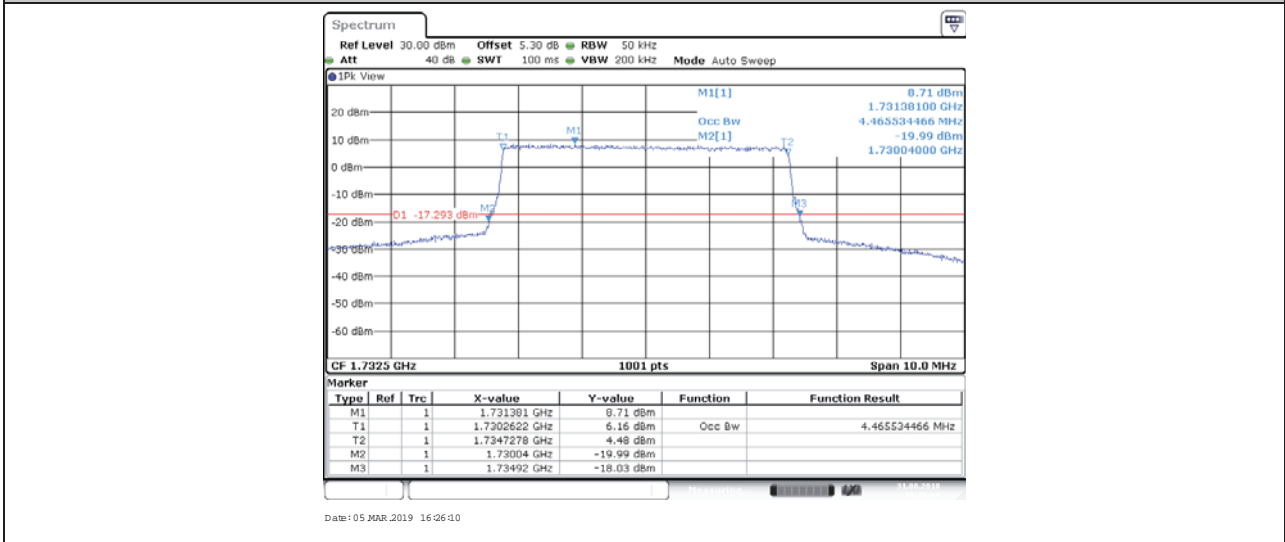


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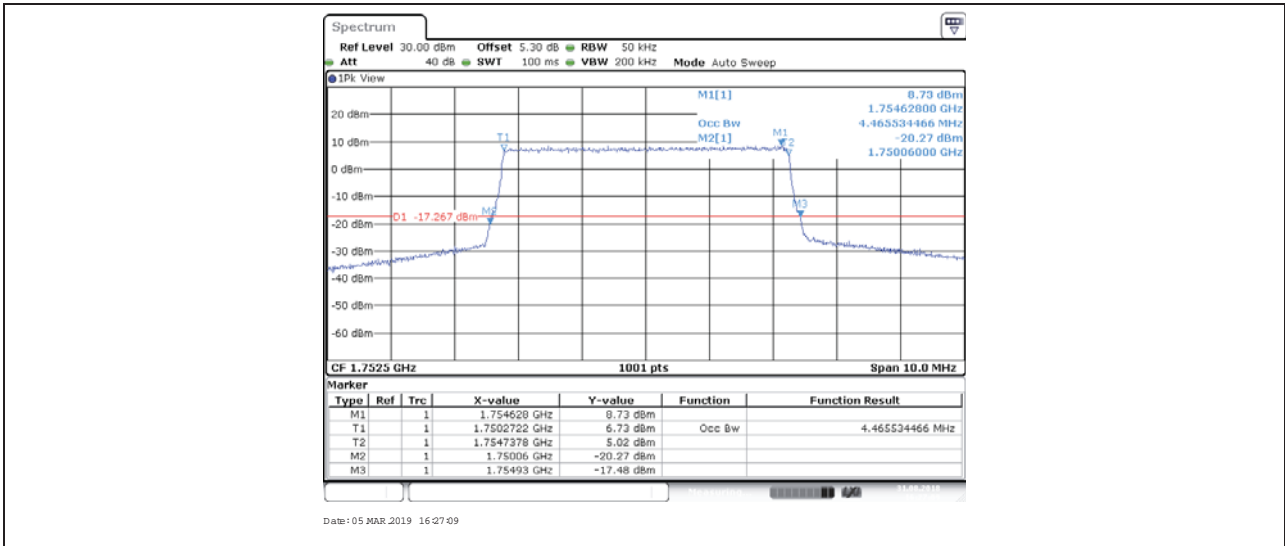
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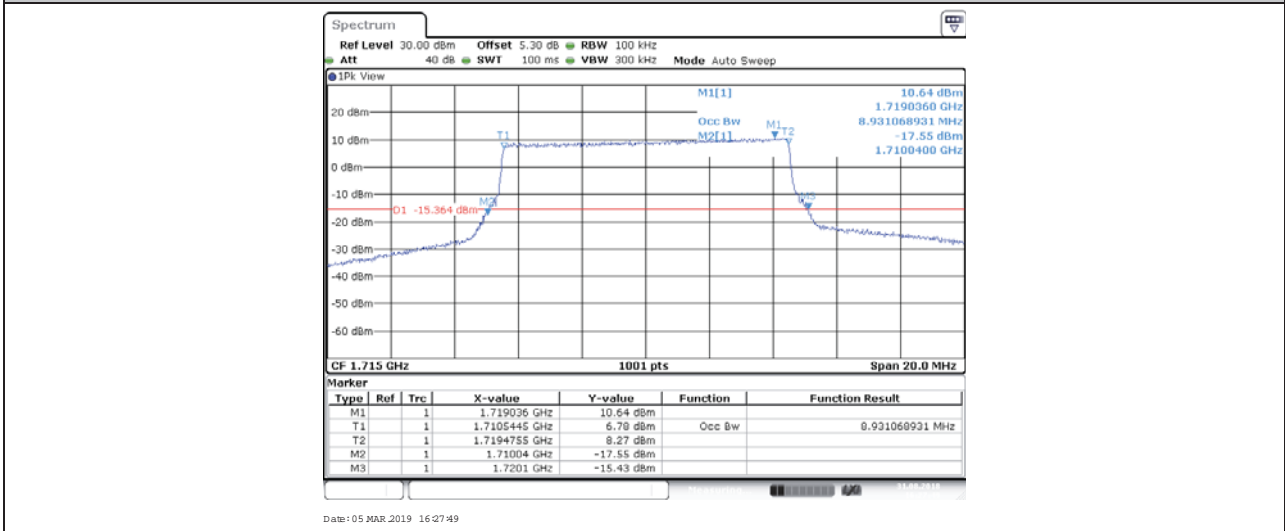
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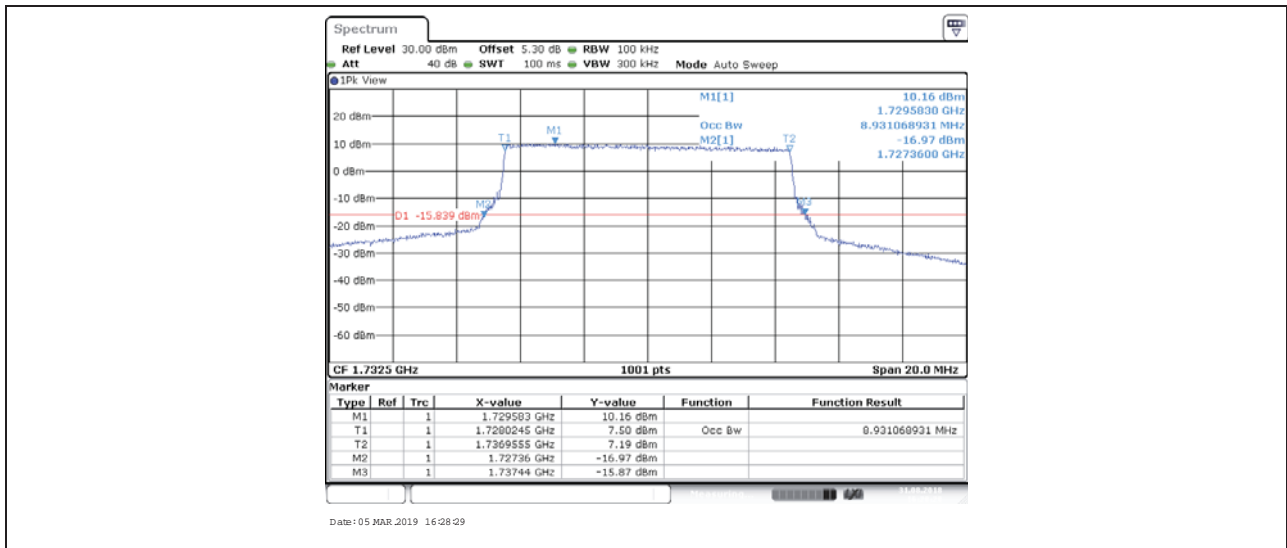


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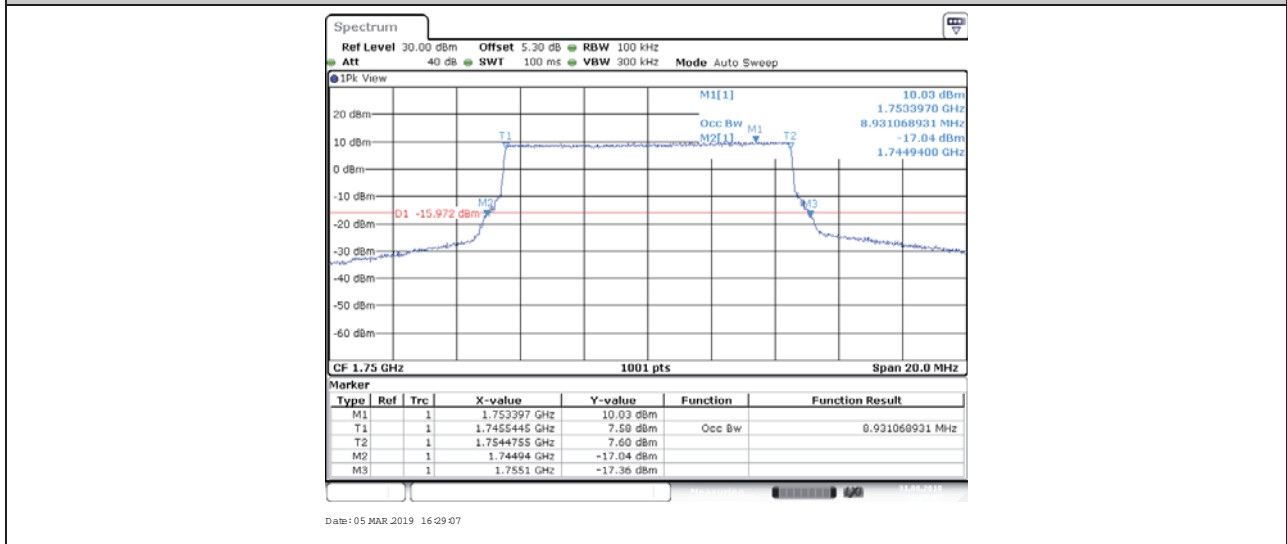


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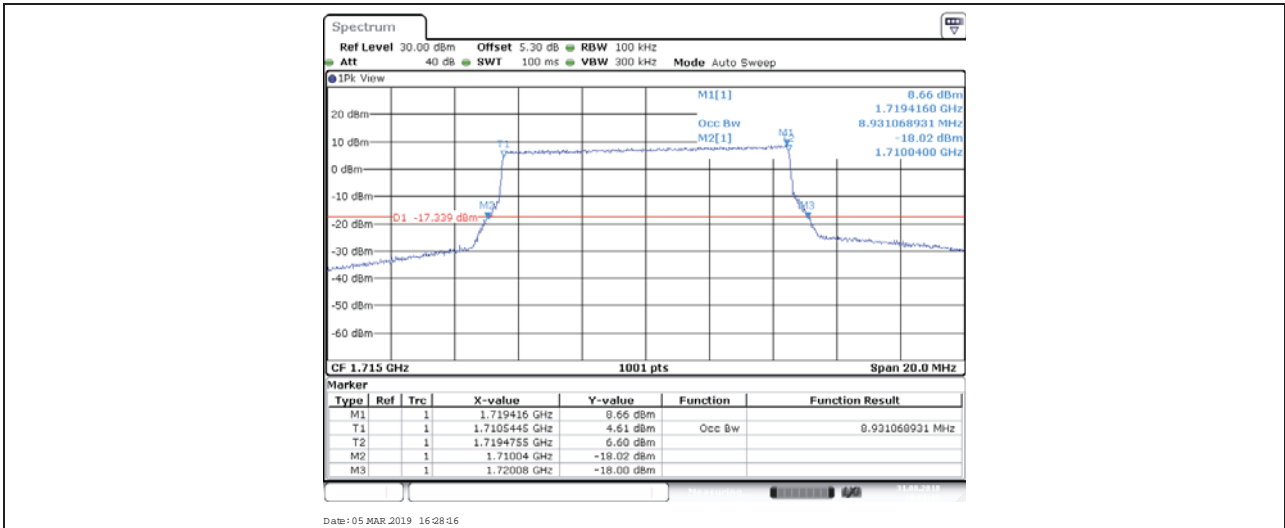


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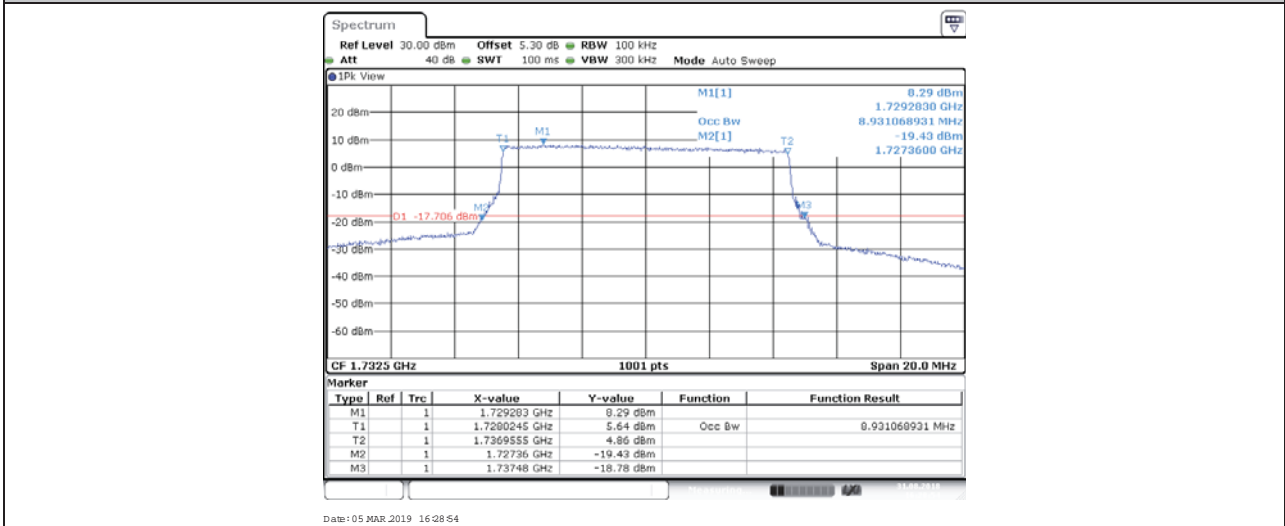


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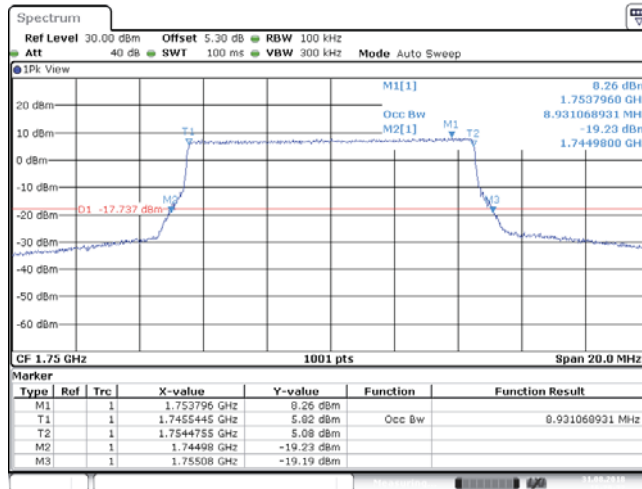


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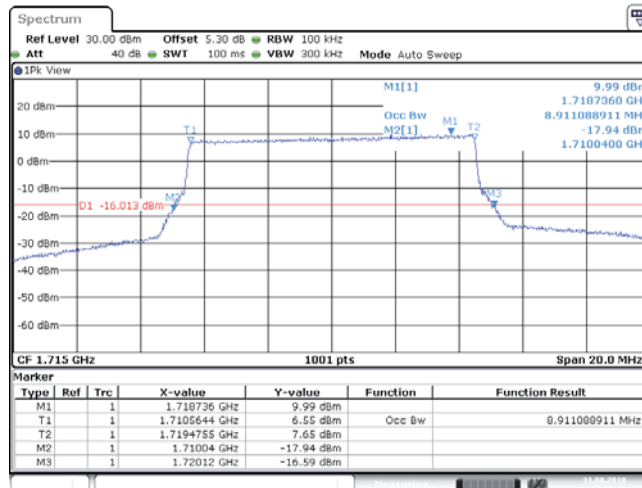
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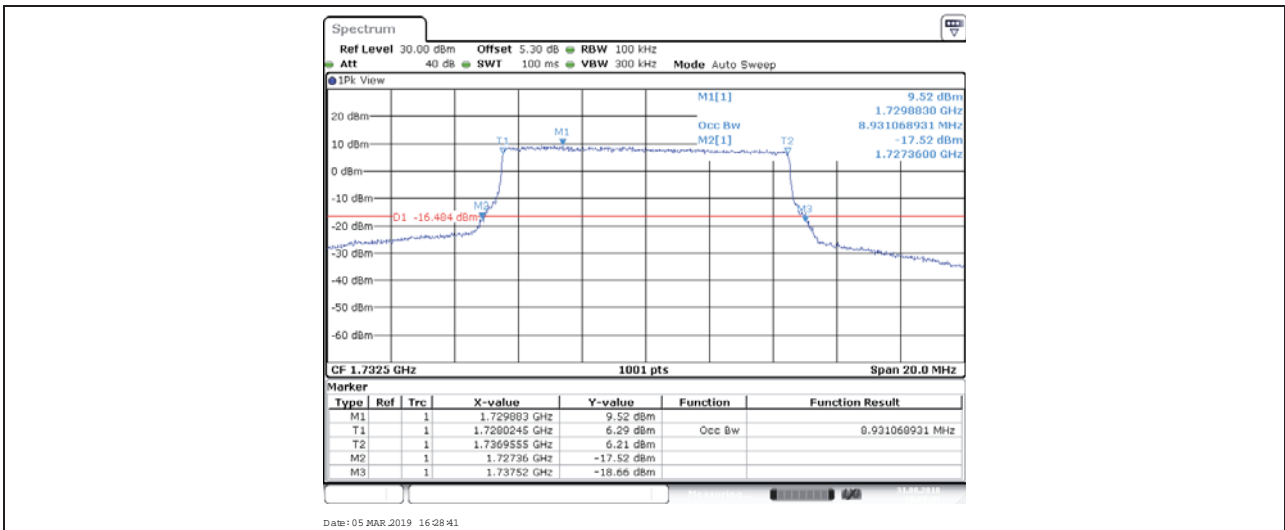
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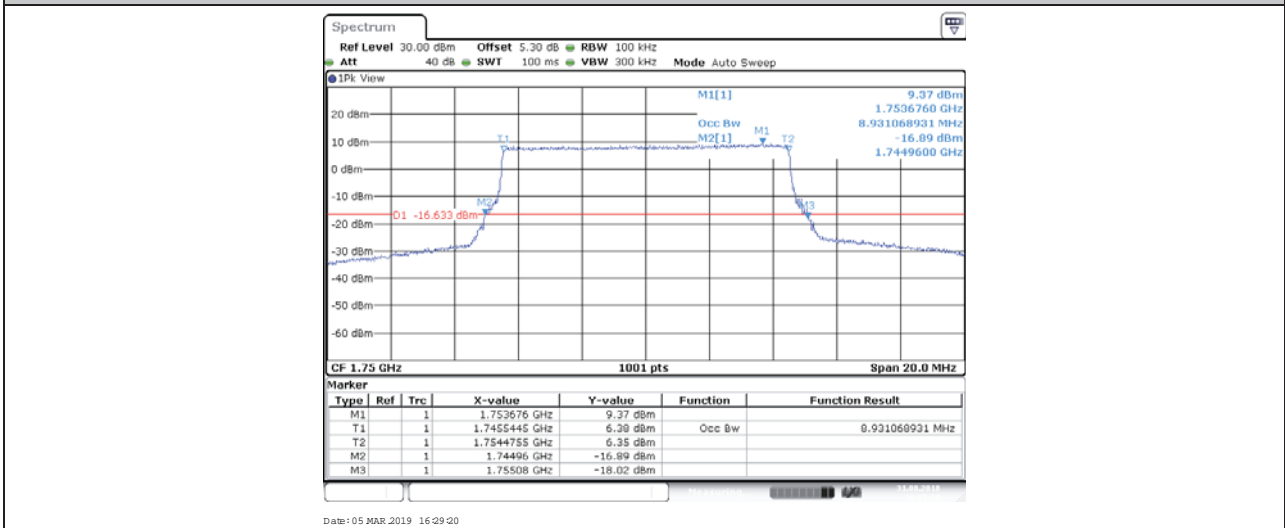
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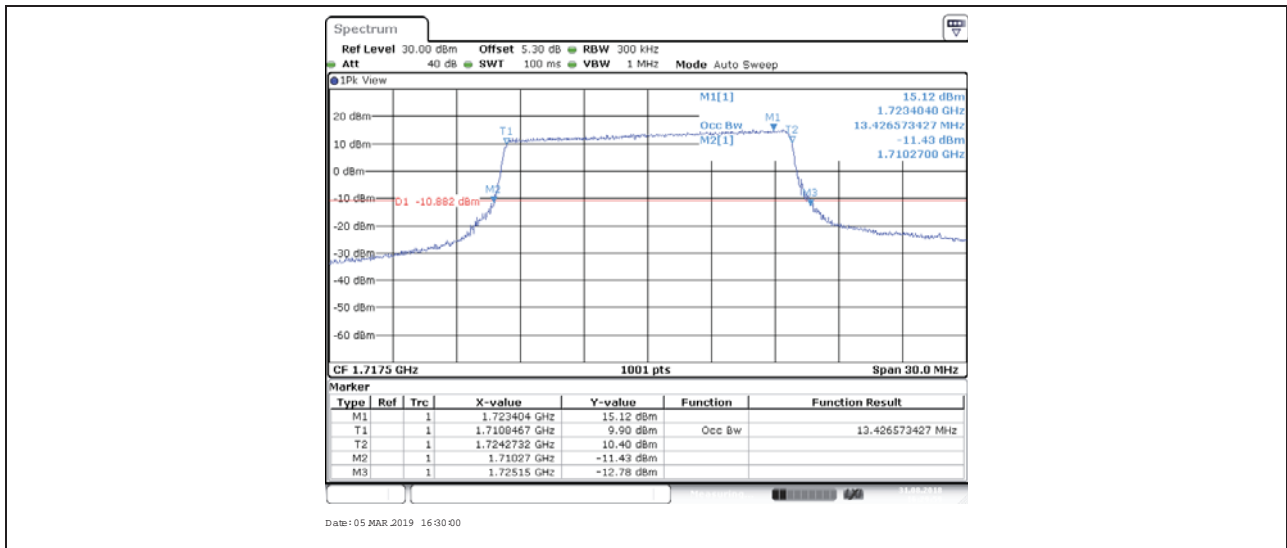


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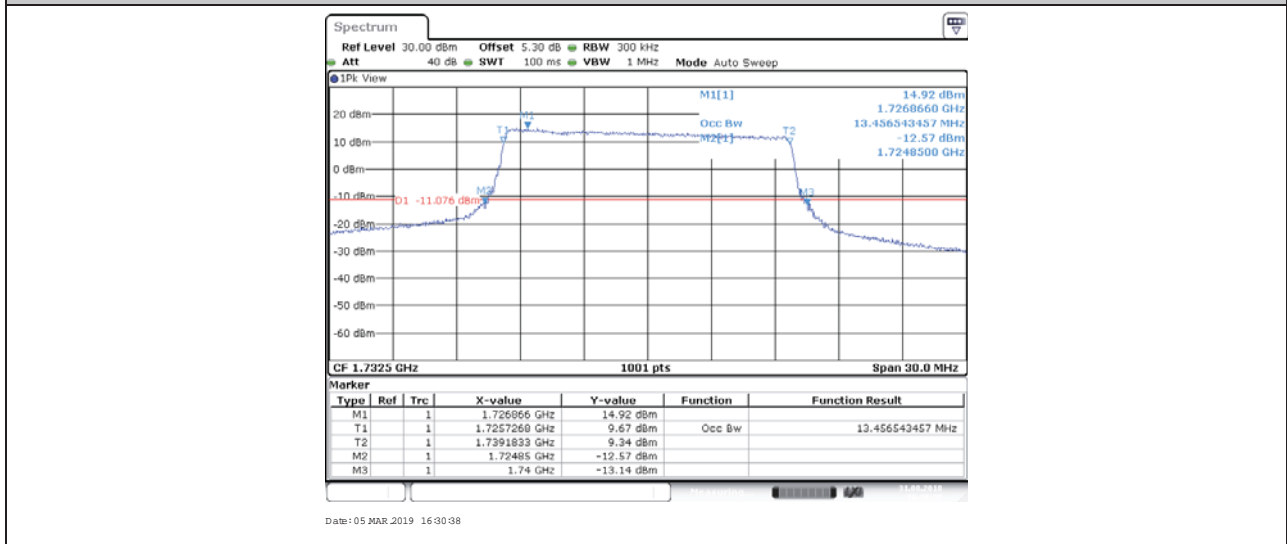


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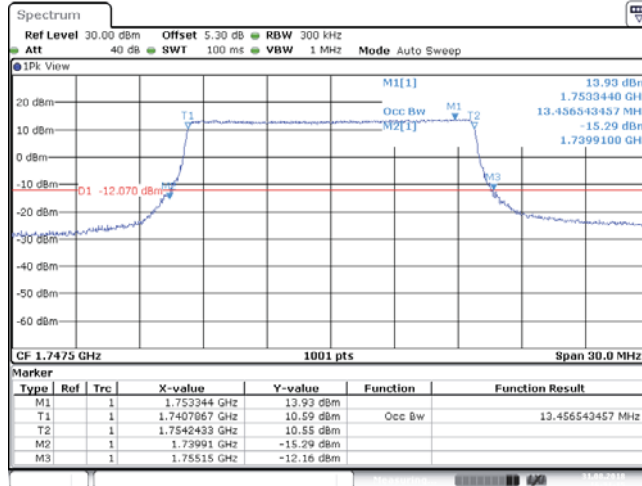


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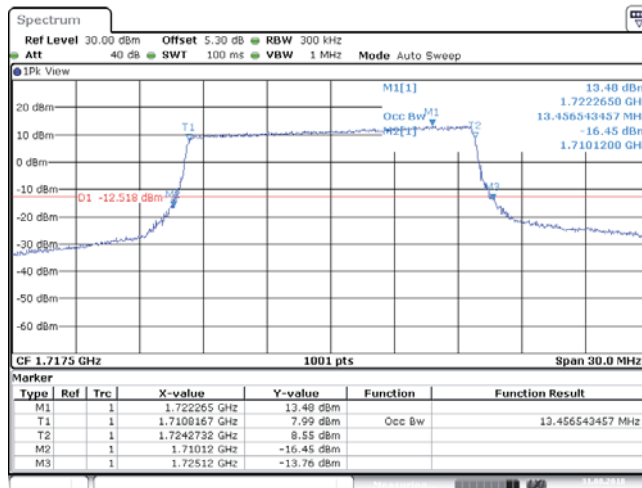
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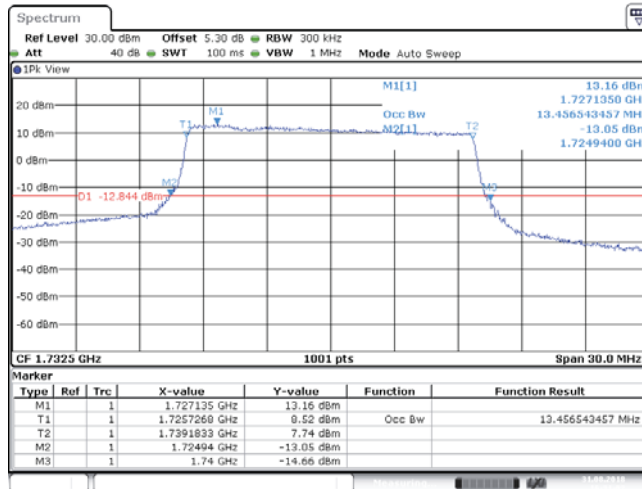
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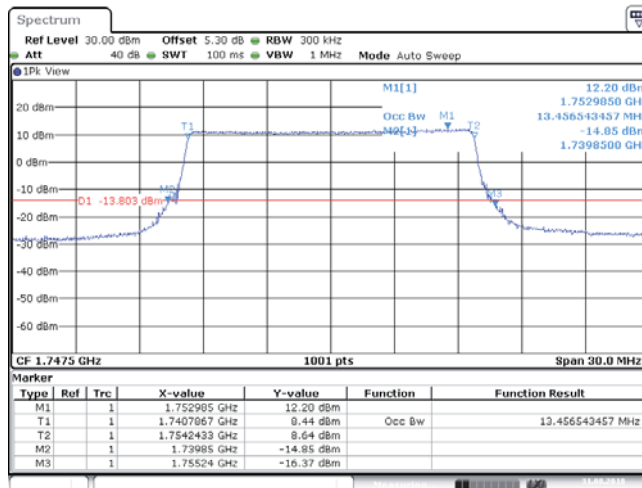
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BAND4_15MHz_64QAM_20325_75RB#0



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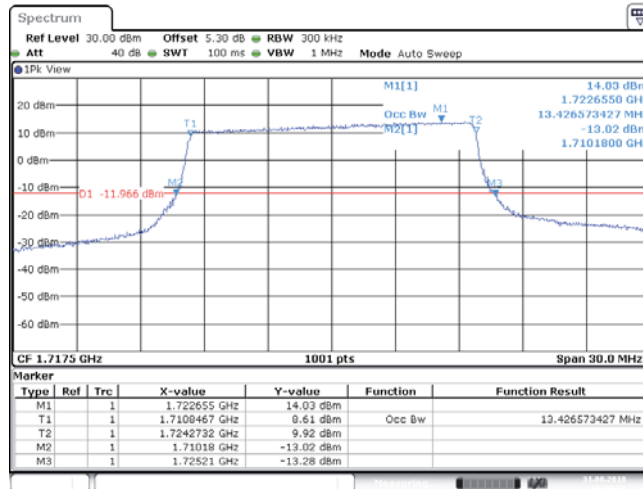
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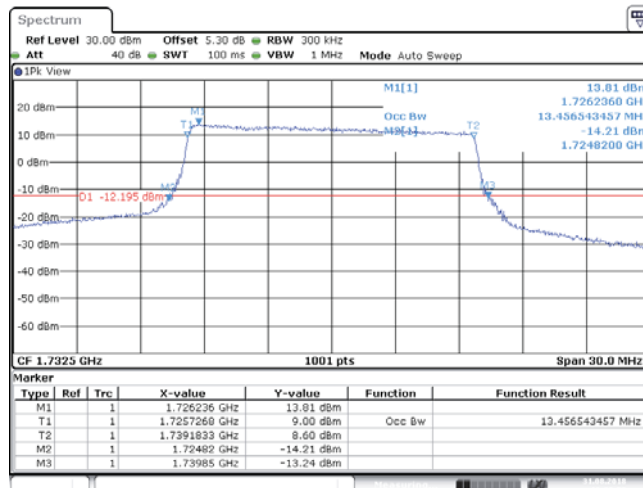
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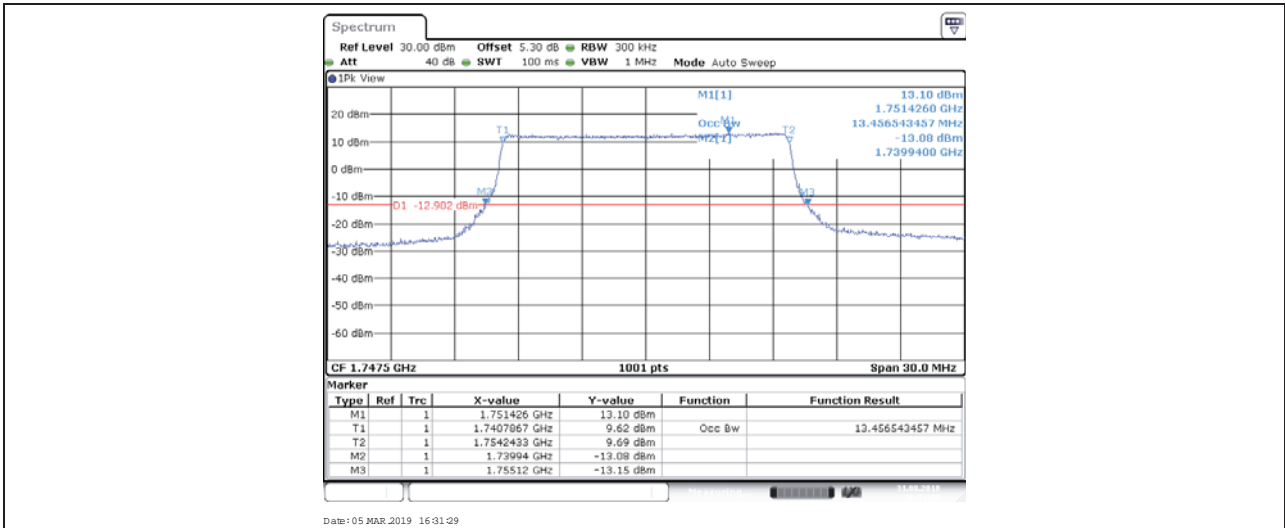


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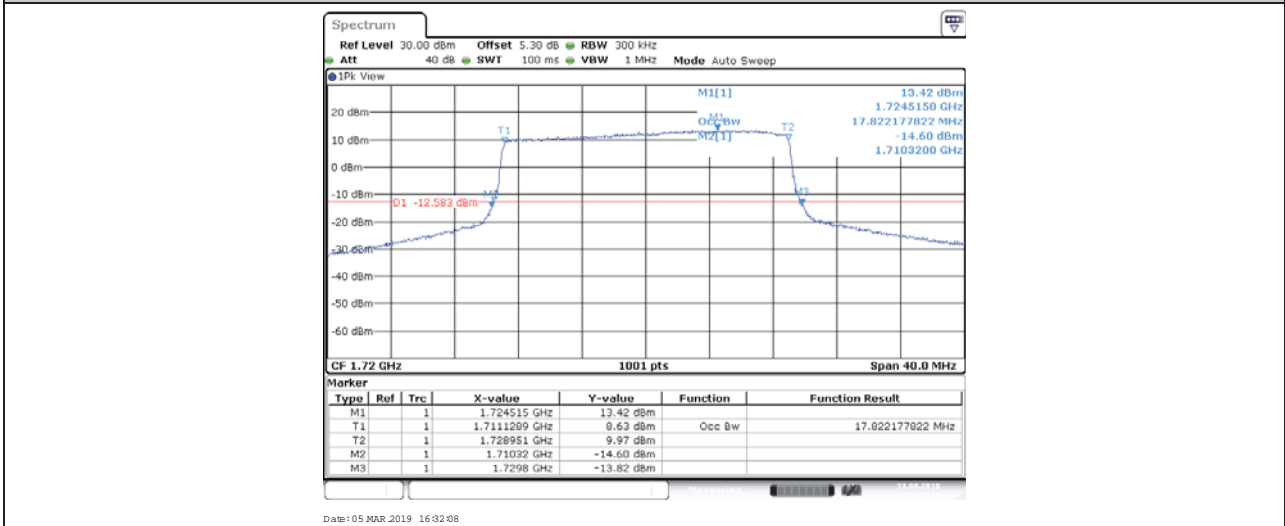


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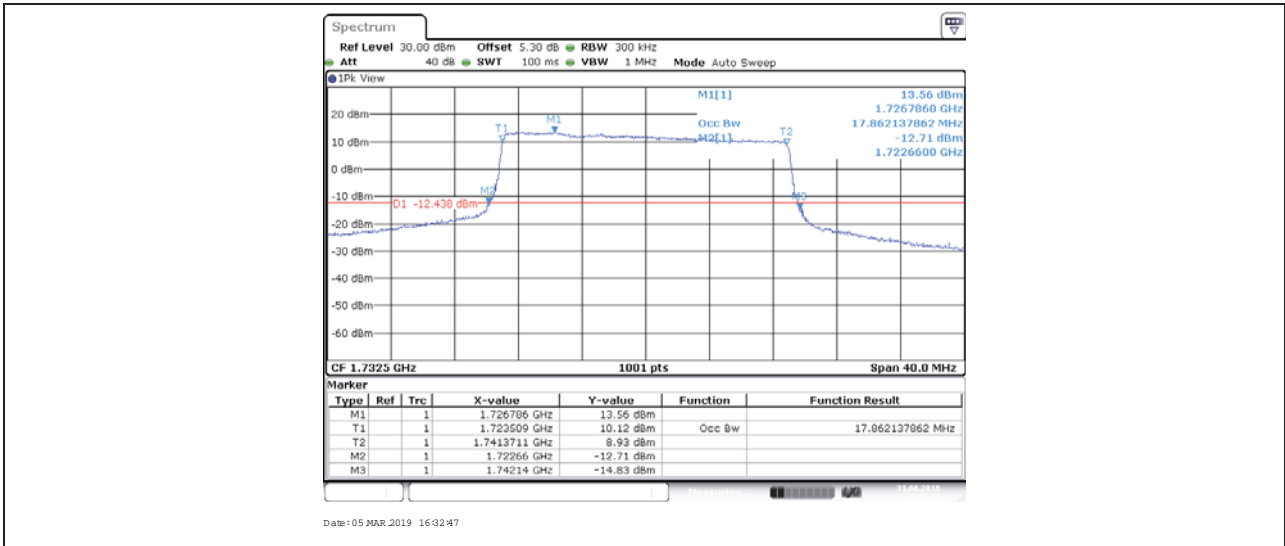


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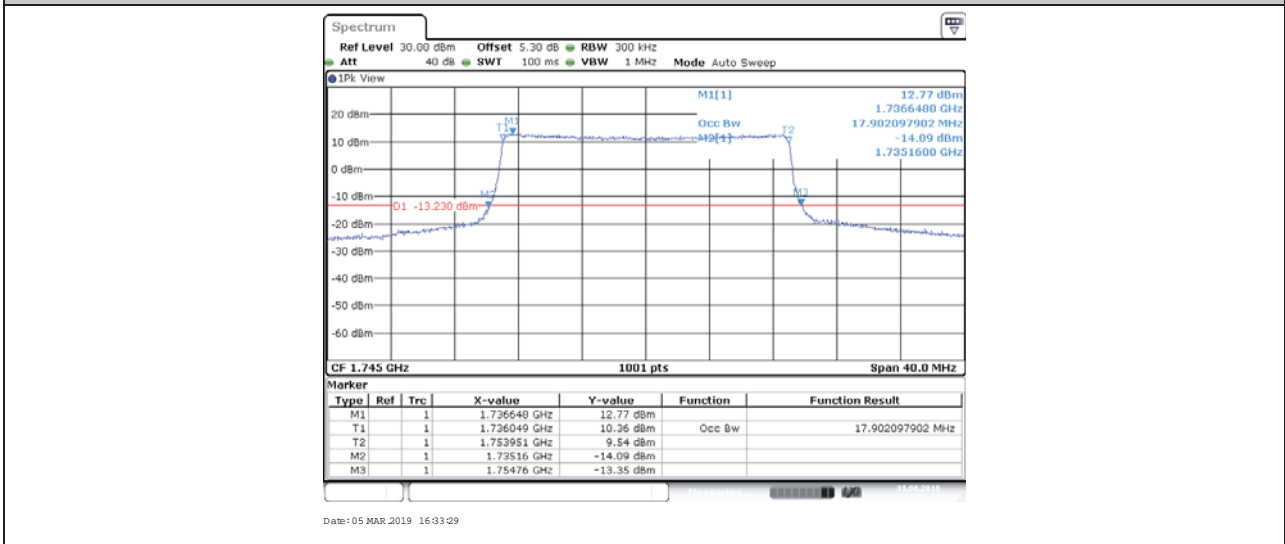


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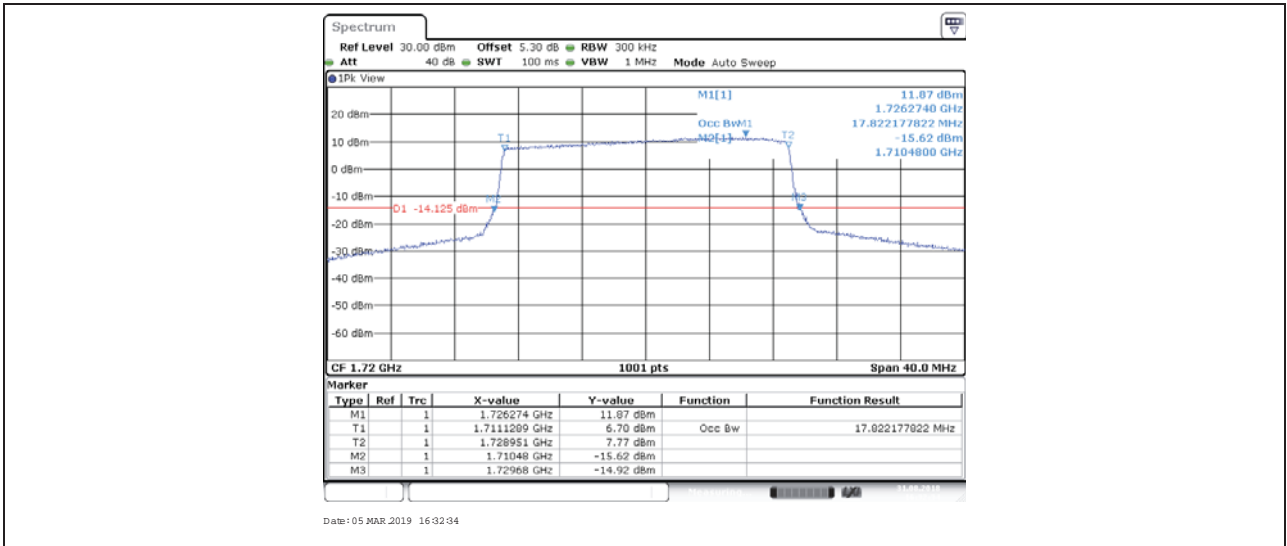


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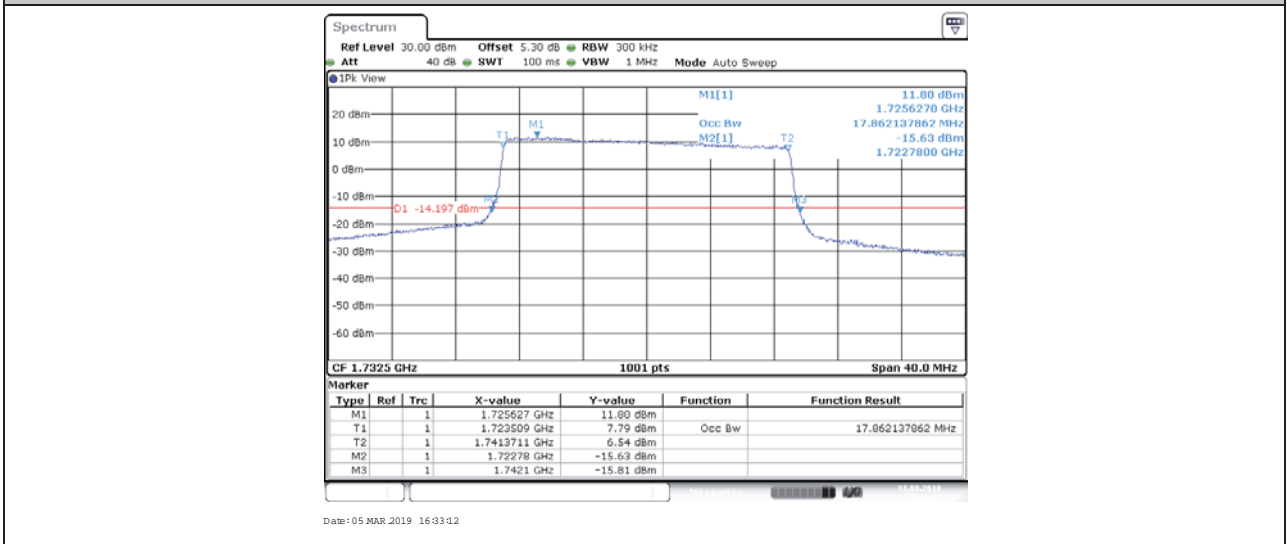


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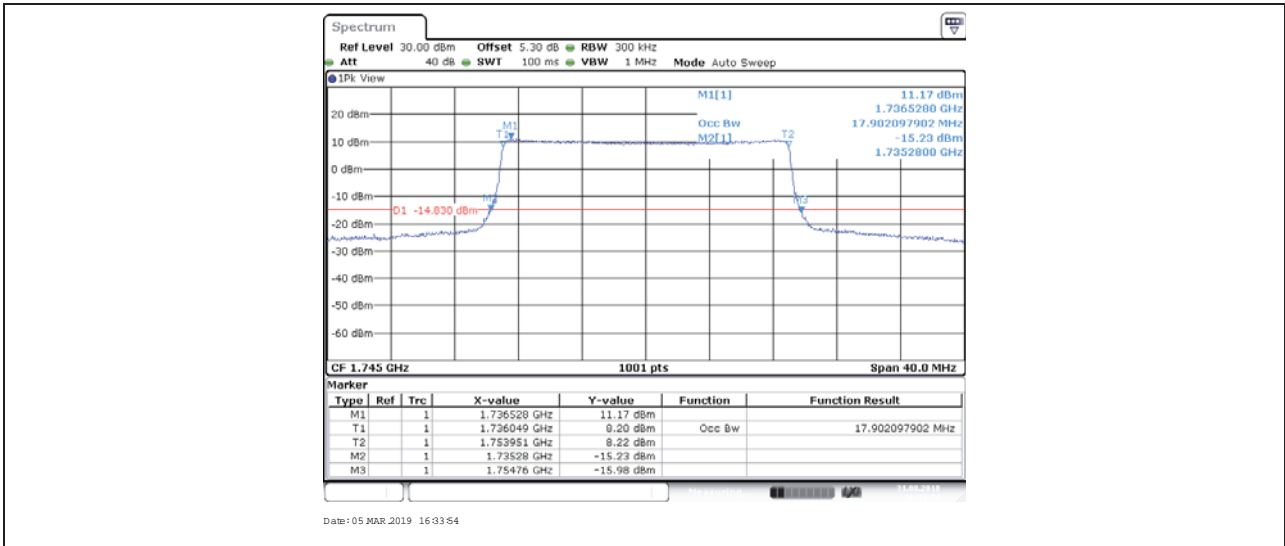


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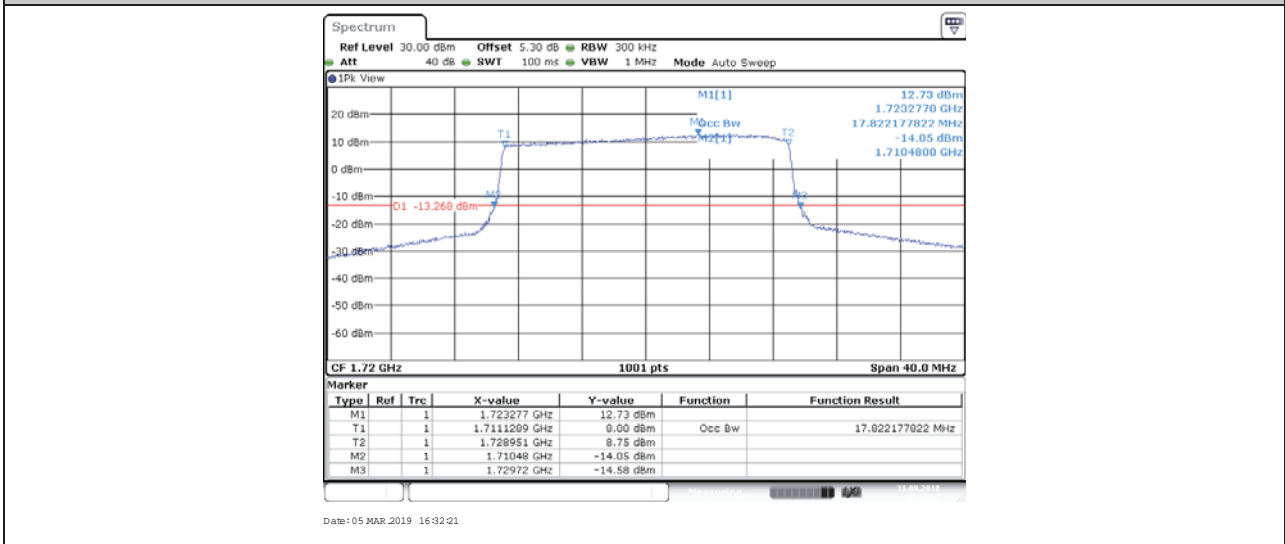


BAND4_20MHz_64QAM_20300_100RB#0





BAND4_20MHz_16QAM_20050_100RB#0



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