Appendix B

E-UTRA Band 25

TABLE OF CONTENTS

1. Main Test Instruments

RE in Chamber					
Test Equipment	Manufacturer	Model No.	Inventory No.	Cal. date (yyyy-mm-dd)	Cal.Due date (yyyy-mm-dd)
3m Semi-Anechoic Chamber	AUDIX	N/A	SEM001-02	2018/3/13	2021/3/12
Spectrum Analyzer (20Hz-43GHz)	Rohde & Schwarz	FSU43	SEM004-08	2019/3/2	2020/3/1
BiConiLog Antenna (26-3000MHz)	ETS-Lindgren	3142C	SEM003-01	2017/6/27	2020/6/26
Horn Antenna (800MHz-18GHz)	Rohde & Schwarz	HF907	SEM003-07	2018/413	2021/412
Horn Antenna (15-40GHz)	Schwarzbeck	BBHA 9170	SEM003-15	2017/10/17	2020/10/16
Amplifier (0.1-1300MHz)	HP	8447D	SEM005-02	2019/7/14	2020/7/14
Low Noise Amplifier (100MHz-18GHz)	Black Diamond Series	BDLNA-0118-352810	SEM005-05	2019/7/14	2020/7/14
Pre-Amplifier (0.1-26.5GHz)	Compliance Directions Systems Inc.	PAP-0126	EMC2063	2019/9/20	2020/9/19
Pre-amplifier (26-40GHz)	Compliance Directions Systems Inc.	PAP-2640-50	SEM005-08	2019/3/2	2020/3/1
Band filter	N/A	N/A	N/A	N/A	N/A
Measurement Software	AUDIX	e3 V8.2014-6-27	N/A	N/A	N/A
Coaxial Cable	SGS	N/A	SEM026-01	2019/6/12	2020/6/11
Wideband Radio CommunicationTeste	Anristu	MT8821C	6201462742	2019/4/3	2020/4/3
Wideband Radio CommunicationTester	Rohde & Schwarz	CMW500	W005-02	2019/1/13	2020/1/12

RF conducted test					
Test Equipment	Manufacturer	Model No.	Inventory No.	Cal. date (yyyy-mm-dd)	Cal.Due date (yyyy-mm-dd)
Dual Output Mobile Communication DC Source	Agilent Technologies Inc	66311B	W009-09	2018/11/2	2019/11/1
Signal Analyzer	Rohde & Schwarz	FSV	W005-02	2019/3/2	2020/3/1
Coaxial Cable	SGS	N/A	SEM031-01	2019/6/12	2020/6/11
Attenuator	Weinschel Associates	WA41	SEM021-09	N/A	N/A
Signal Generator	KEYSIGHT	N5173B	SEM006-05	2018/11/2	2019/11/1
Humidity/ Temperature Indicator	Shanghai Meteorological Industry Factory	HTC-1	W006-17	2018/11/2	2019/11/1
Temperature Chamber	GIANT FORCE	ICT-150-40-CP-AR	W027-03	2018/11/2	2019/11/1
Wideband Radio CommunicationTeste	Anristu	MT8821C	6201462742	2019/3/2	2020/3/1

2. Measurement Uncertainty

For a 95% confidence level (k = 2), the measurement expanded uncertainties for defined systems, in accordance with the recommendations of ISO 17025 as following:

Test Item	Extended Uncertainty	Data
Transmit Output Power Data	Power [dBm]	U =±0.37 dB
Bandwidth	Magnitude [%]	U =± 0.2%
Band Edge Compliance	Disturbance Power [dBm]	U = ±2.0 dB
Spurious Emissions, Conducted	Disturbance Power [dBm]	U = ±2.0 dB
Frequency Stability	Frequency Accuracy [ppm]	U = ±0.24 ppm

3 Effective (Isotropic) Radiated Power

3.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band25	1.4MHz	QPSK	26047	1RB#0	22.93	22.19	33.00	PASS
Band25	1.4MHz	QPSK	26047	1RB#2	23.26	22.52	33.00	PASS
Band25	1.4MHz	QPSK	26047	1RB#5	22.94	22.20	33.00	PASS
Band25	1.4MHz	QPSK	26047	3RB#1	22.83	22.09	33.00	PASS
Band25	1.4MHz	QPSK	26047	3RB#0	23.01	22.27	33.00	PASS
Band25	1.4MHz	QPSK	26047	3RB#3	22.80	22.06	33.00	PASS
Band25	1.4MHz	QPSK	26047	6RB#0	21.93	21.19	33.00	PASS
Band25	1.4MHz	QPSK	26365	1RB#5	22.87	22.13	33.00	PASS
Band25	1.4MHz	QPSK	26365	1RB#0	23.21	22.47	33.00	PASS
Band25	1.4MHz	QPSK	26365	1RB#2	22.87	22.13	33.00	PASS
Band25	1.4MHz	QPSK	26365	3RB#0	22.81	22.07	33.00	PASS
Band25	1.4MHz	QPSK	26365	3RB#1	23.12	22.38	33.00	PASS
Band25	1.4MHz	QPSK	26365	3RB#3	22.72	21.98	33.00	PASS
Band25	1.4MHz	QPSK	26365	6RB#0	22.00	21.26	33.00	PASS
Band25	1.4MHz	QPSK	26683	1RB#2	23.01	22.27	33.00	PASS
Band25	1.4MHz	QPSK	26683	1RB#5	23.21	22.47	33.00	PASS
Band25	1.4MHz	QPSK	26683	1RB#0	23.00	22.26	33.00	PASS
Band25	1.4MHz	QPSK	26683	3RB#0	22.81	22.07	33.00	PASS
Band25	1.4MHz	QPSK	26683	3RB#3	23.06	22.32	33.00	PASS
Band25	1.4MHz	QPSK	26683	3RB#1	22.63	21.89	33.00	PASS
Band25	1.4MHz	QPSK	26683	6RB#0	21.94	21.20	33.00	PASS
Band25	1.4MHz	16QAM	26047	1RB#2	21.97	21.23	33.00	PASS
Band25	1.4MHz	16QAM	26047	1RB#5	22.10	21.36	33.00	PASS
Band25	1.4MHz	16QAM	26047	1RB#0	21.87	21.13	33.00	PASS
Band25	1.4MHz	16QAM	26047	3RB#0	21.95	21.21	33.00	PASS
Band25	1.4MHz	16QAM	26047	3RB#1	22.03	21.29	33.00	PASS
Band25	1.4MHz	16QAM	26047	3RB#3	21.89	21.15	33.00	PASS
Band25	1.4MHz	16QAM	26047	6RB#0	20.95	20.21	33.00	PASS
Band25	1.4MHz	16QAM	26365	1RB#5	21.96	21.22	33.00	PASS
Band25	1.4MHz	16QAM	26365	1RB#0	22.30	21.56	33.00	PASS
Band25	1.4MHz	16QAM	26365	1RB#2	21.92	21.18	33.00	PASS
Band25	1.4MHz	16QAM	26365	3RB#3	21.92	21.18	33.00	PASS
Band25	1.4MHz	16QAM	26365	3RB#1	22.07	21.33	33.00	PASS
Band25	1.4MHz	16QAM	26365	3RB#0	21.87	21.13	33.00	PASS
Band25	1.4MHz	16QAM	26365	6RB#0	21.13	20.39	33.00	PASS
Band25	1.4MHz	16QAM	26683	1RB#2	21.85	21.11	33.00	PASS
Band25	1.4MHz	16QAM	26683	1RB#5	22.09	21.35	33.00	PASS
Band25	1.4MHz	16QAM	26683	1RB#0	21.82	21.08	33.00	PASS
Band25	1.4MHz	16QAM	26683	3RB#3	21.81	21.07	33.00	PASS
Band25	1.4MHz	16QAM	26683	3RB#1	22.11	21.37	33.00	PASS
Band25	1.4MHz	16QAM	26683	3RB#0	21.76	21.02	33.00	PASS
Band25	1.4MHz	16QAM	26683	6RB#0	21.04	20.30	33.00	PASS
Band25	3MHz	QPSK	26055	1RB#14	22.98	22.24	33.00	PASS
Band25	3MHz	QPSK	26055	1RB#0	23.24	22.50	33.00	PASS
Band25	3MHz	QPSK	26055	1RB#8	22.91	22.17	33.00	PASS

Band25	3MHz	QPSK	26055	8RB#7	21.95	21.21	33.00	PASS
Band25	3MHz	QPSK	26055	8RB#4	22.16	21.42	33.00	PASS
Band25	3MHz	QPSK	26055	8RB#0	22.08	21.34	33.00	PASS
Band25	3MHz	QPSK	26055	15RB#0	21.98	21.24	33.00	PASS
Band25	3MHz	QPSK	26365	1RB#14	22.95	22.21	33.00	PASS
Band25	3MHz	QPSK	26365	1RB#8	23.29	22.55	33.00	PASS
Band25	3MHz	QPSK	26365	1RB#0	22.89	22.15	33.00	PASS
Band25	3MHz	QPSK	26365	8RB#7	22.15	21.41	33.00	PASS
Band25	3MHz	QPSK	26365	8RB#0	22.16	21.42	33.00	PASS
Band25	3MHz	QPSK	26365	8RB#4	22.06	21.32	33.00	PASS
Band25	3MHz	QPSK	26365	15RB#0	22.10	21.36	33.00	PASS
Band25	3MHz	QPSK	26675	1RB#14	23.02	22.28	33.00	PASS
Band25	3MHz	QPSK	26675	1RB#8	23.27	22.53	33.00	PASS
Band25	3MHz	QPSK	26675	1RB#0	22.96	22.22	33.00	PASS
Band25	3MHz	QPSK	26675	8RB#4	22.14	21.40	33.00	PASS
Band25	3MHz	QPSK	26675	8RB#0	22.21	21.47	33.00	PASS
Band25	3MHz	QPSK	26675	8RB#7	21.98	21.24	33.00	PASS
Band25	3MHz	QPSK	26675	15RB#0	21.98	21.24	33.00	PASS
Band25	3MHz	16QAM	26055	1RB#8	22.01	21.27	33.00	PASS
Band25	3MHz	16QAM	26055	1RB#14	22.21	21.47	33.00	PASS
Band25	3MHz	16QAM	26055	1RB#0	21.94	21.20	33.00	PASS
Band25	3MHz	16QAM	26055	8RB#0	20.96	20.22	33.00	PASS
Band25	3MHz	16QAM	26055	8RB#7	21.11	20.37	33.00	PASS
Band25	3MHz	16QAM	26055	8RB#4	21.05	20.31	33.00	PASS
Band25	3MHz	16QAM	26055	15RB#0	20.97	20.23	33.00	PASS
Band25	3MHz	16QAM	26365	1RB#8	21.95	21.21	33.00	PASS
Band25	3MHz	16QAM	26365	1RB#14	22.34	21.60	33.00	PASS
Band25	3MHz	16QAM	26365	1RB#0	21.94	21.20	33.00	PASS
Band25	3MHz	16QAM	26365	8RB#4	21.11	20.37	33.00	PASS
Band25	3MHz	16QAM	26365	8RB#0	21.16	20.42	33.00	PASS
Band25	3MHz	16QAM	26365	8RB#7	21.08	20.34	33.00	PASS
Band25	3MHz	16QAM	26365	15RB#0	21.12	20.38	33.00	PASS
Band25	3MHz	16QAM	26675	1RB#14	21.88	21.14	33.00	PASS
Band25	3MHz	16QAM	26675	1RB#0	22.15	21.41	33.00	PASS
Band25	3MHz	16QAM	26675	1RB#8	21.77	21.03	33.00	PASS
Band25	3MHz	16QAM	26675	8RB#0	21.14	20.40	33.00	PASS
Band25	3MHz	16QAM	26675	8RB#7	21.14	20.40	33.00	PASS
Band25	3MHz	16QAM	26675	8RB#4	20.90	20.16	33.00	PASS
Band25	3MHz	16QAM	26675	15RB#0	21.08	20.34	33.00	PASS
Band25	5MHz	QPSK	26065	1RB#24	22.83	22.09	33.00	PASS
Band25	5MHz	QPSK	26065	1RB#12	23.06	22.32	33.00	PASS
Band25	5MHz	QPSK	26065	1RB#0	22.82	22.08	33.00	PASS
Band25	5MHz	QPSK	26065	12RB#6	21.76	21.02	33.00	PASS
Band25	5MHz	QPSK	26065	12RB#0	22.00	21.26	33.00	PASS
Band25	5MHz	QPSK	26065	12RB#13	21.93	21.19	33.00	PASS
Band25	5MHz	QPSK	26065	25RB#0	21.90	21.16	33.00	PASS
Band25	5MHz	QPSK	26365	1RB#24	22.85	22.11	33.00	PASS
Band25	5MHz	QPSK	26365	1RB#0	23.12	22.38	33.00	PASS
Band25	5MHz	QPSK	26365	1RB#12	22.80	22.06	33.00	PASS
Band25	5MHz	QPSK	26365	12RB#6	21.97	21.23	33.00	PASS
Band25	5MHz	QPSK	26365	12RB#0	21.97	21.23	33.00	PASS
Band25	5MHz	QPSK	26365	12RB#13	21.93	21.19	33.00	PASS
Band25	5MHz	QPSK	26365	25RB#0	21.91	21.17	33.00	PASS

Band25	5MHz	QPSK	26665	1RB#0	22.86	22.12	33.00	PASS
Band25	5MHz	QPSK	26665	1RB#12	23.06	22.32	33.00	PASS
Band25	5MHz	QPSK	26665	1RB#24	22.80	22.06	33.00	PASS
Band25	5MHz	QPSK	26665	12RB#0	21.99	21.25	33.00	PASS
Band25	5MHz	QPSK	26665	12RB#6	22.06	21.32	33.00	PASS
Band25	5MHz	QPSK	26665	12RB#13	21.90	21.16	33.00	PASS
Band25	5MHz	QPSK	26665	25RB#0	21.91	21.17	33.00	PASS
Band25	5MHz	16QAM	26065	1RB#0	21.80	21.06	33.00	PASS
Band25	5MHz	16QAM	26065	1RB#12	22.02	21.28	33.00	PASS
Band25	5MHz	16QAM	26065	1RB#24	21.86	21.12	33.00	PASS
Band25	5MHz	16QAM	26065	12RB#13	20.87	20.13	33.00	PASS
Band25	5MHz	16QAM	26065	12RB#0	20.95	20.21	33.00	PASS
Band25	5MHz	16QAM	26065	12RB#6	20.92	20.18	33.00	PASS
Band25	5MHz	16QAM	26065	25RB#0	20.82	20.08	33.00	PASS
Band25	5MHz	16QAM	26365	1RB#0	21.79	21.05	33.00	PASS
Band25	5MHz	16QAM	26365	1RB#12	22.14	21.40	33.00	PASS
Band25	5MHz	16QAM	26365	1RB#24	21.83	21.09	33.00	PASS
Band25	5MHz	16QAM	26365	12RB#0	21.00	20.26	33.00	PASS
Band25	5MHz	16QAM	26365	12RB#13	20.97	20.23	33.00	PASS
Band25	5MHz	16QAM	26365	12RB#6	21.00	20.26	33.00	PASS
Band25	5MHz	16QAM	26365	25RB#0	20.99	20.25	33.00	PASS
Band25	5MHz	16QAM	26665	1RB#0	21.69	20.95	33.00	PASS
Band25	5MHz	16QAM	26665	1RB#24	22.04	21.30	33.00	PASS
Band25	5MHz	16QAM	26665	1RB#12	21.69	20.95	33.00	PASS
Band25	5MHz	16QAM	26665	12RB#0	20.94	20.20	33.00	PASS
Band25	5MHz	16QAM	26665	12RB#6	20.98	20.24	33.00	PASS
Band25	5MHz	16QAM	26665	12RB#13	20.77	20.03	33.00	PASS
Band25	5MHz	16QAM	26665	25RB#0	20.88	20.14	33.00	PASS
Band25	10MHz	QPSK	26090	1RB#0	22.88	22.14	33.00	PASS
Band25	10MHz	QPSK	26090	1RB#24	23.15	22.41	33.00	PASS
Band25	10MHz	QPSK	26090	1RB#49	22.89	22.15	33.00	PASS
Band25	10MHz	QPSK	26090	25RB#12	21.92	21.18	33.00	PASS
Band25	10MHz	QPSK	26090	25RB#0	22.07	21.33	33.00	PASS
Band25	10MHz	QPSK	26090	25RB#25	22.01	21.27	33.00	PASS
Band25	10MHz	QPSK	26090	50RB#0	22.00	21.26	33.00	PASS
Band25	10MHz	QPSK	26365	1RB#49	22.87	22.13	33.00	PASS
Band25	10MHz	QPSK	26365	1RB#0	23.23	22.49	33.00	PASS
Band25	10MHz	QPSK	26365	1RB#24	22.87	22.13	33.00	PASS
Band25	10MHz	QPSK	26365	25RB#0	22.06	21.32	33.00	PASS
Band25	10MHz	QPSK	26365	25RB#12	22.12	21.38	33.00	PASS
Band25	10MHz	QPSK	26365	25RB#25	22.06	21.32	33.00	PASS
Band25	10MHz	QPSK	26365	50RB#0	21.98	21.24	33.00	PASS
Band25	10MHz	QPSK	26640	1RB#24	22.92	22.18	33.00	PASS
Band25	10MHz	QPSK	26640	1RB#49	23.16	22.42	33.00	PASS
Band25	10MHz	QPSK	26640	1RB#0	23.00	22.26	33.00	PASS
Band25	10MHz	QPSK	26640	25RB#0	22.09	21.35	33.00	PASS
Band25	10MHz	QPSK	26640	25RB#25	22.09	21.35	33.00	PASS
Band25	10MHz	QPSK	26640	25RB#12	21.99	21.25	33.00	PASS
Band25	10MHz	QPSK	26640	50RB#0	21.91	21.17	33.00	PASS
Band25	10MHz	16QAM	26090	1RB#24	21.97	21.23	33.00	PASS
Band25	10MHz	16QAM	26090	1RB#49	22.09	21.35	33.00	PASS
Band25	10MHz	16QAM	26090	1RB#0	21.88	21.14	33.00	PASS
Band25	10MHz	16QAM	26090	25RB#0	20.94	20.20	33.00	PASS

Band25	10MHz	16QAM	26090	25RB#12	21.02	20.28	33.00	PASS
Band25	10MHz	16QAM	26090	25RB#25	21.02	20.28	33.00	PASS
Band25	10MHz	16QAM	26090	50RB#0	21.00	20.26	33.00	PASS
Band25	10MHz	16QAM	26365	1RB#49	21.97	21.23	33.00	PASS
Band25	10MHz	16QAM	26365	1RB#0	22.23	21.49	33.00	PASS
Band25	10MHz	16QAM	26365	1RB#24	21.87	21.13	33.00	PASS
Band25	10MHz	16QAM	26365	25RB#25	21.08	20.34	33.00	PASS
Band25	10MHz	16QAM	26365	25RB#12	21.17	20.43	33.00	PASS
Band25	10MHz	16QAM	26365	25RB#0	21.08	20.34	33.00	PASS
Band25	10MHz	16QAM	26365	50RB#0	21.15	20.41	33.00	PASS
Band25	10MHz	16QAM	26640	1RB#24	21.81	21.07	33.00	PASS
Band25	10MHz	16QAM	26640	1RB#49	22.13	21.39	33.00	PASS
Band25	10MHz	16QAM	26640	1RB#0	21.76	21.02	33.00	PASS
Band25	10MHz	16QAM	26640	25RB#25	21.05	20.31	33.00	PASS
Band25	10MHz	16QAM	26640	25RB#12	21.08	20.34	33.00	PASS
Band25	10MHz	16QAM	26640	25RB#0	20.87	20.13	33.00	PASS
Band25	10MHz	16QAM	26640	50RB#0	21.01	20.27	33.00	PASS
Band25	15MHz	QPSK	26115	1RB#74	22.77	22.03	33.00	PASS
Band25	15MHz	QPSK	26115	1RB#0	23.16	22.42	33.00	PASS
Band25	15MHz	QPSK	26115	1RB#38	22.78	22.04	33.00	PASS
Band25	15MHz	QPSK	26115	36RB#39	21.87	21.13	33.00	PASS
Band25	15MHz	QPSK	26115	36RB#18	22.09	21.35	33.00	PASS
Band25	15MHz	QPSK	26115	36RB#0	22.02	21.28	33.00	PASS
Band25	15MHz	QPSK	26115	75RB#0	21.82	21.08	33.00	PASS
Band25	15MHz	QPSK	26365	1RB#74	22.96	22.22	33.00	PASS
Band25	15MHz	QPSK	26365	1RB#38	23.10	22.36	33.00	PASS
Band25	15MHz	QPSK	26365	1RB#0	22.87	22.13	33.00	PASS
Band25	15MHz	QPSK	26365	36RB#0	21.94	21.20	33.00	PASS
Band25	15MHz	QPSK	26365	36RB#39	22.02	21.28	33.00	PASS
Band25	15MHz	QPSK	26365	36RB#18	21.88	21.14	33.00	PASS
Band25	15MHz	QPSK	26365	75RB#0	22.04	21.30	33.00	PASS
Band25	15MHz	QPSK	26615	1RB#74	22.93	22.19	33.00	PASS
Band25	15MHz	QPSK	26615	1RB#38	23.05	22.31	33.00	PASS
Band25	15MHz	QPSK	26615	1RB#0	22.86	22.12	33.00	PASS
Band25	15MHz	QPSK	26615	36RB#18	21.95	21.21	33.00	PASS
Band25	15MHz	QPSK	26615	36RB#0	22.00	21.26	33.00	PASS
Band25	15MHz	QPSK	26615	36RB#39	21.91	21.17	33.00	PASS
Band25	15MHz	QPSK	26615	75RB#0	21.87	21.13	33.00	PASS
Band25	15MHz	16QAM	26115	1RB#0	21.90	21.16	33.00	PASS
Band25	15MHz	16QAM	26115	1RB#74	22.01	21.27	33.00	PASS
Band25	15MHz	16QAM	26115	1RB#38	21.77	21.03	33.00	PASS
Band25	15MHz	16QAM	26115	36RB#0	20.95	20.21	33.00	PASS
Band25	15MHz	16QAM	26115	36RB#39	21.06	20.32	33.00	PASS
Band25	15MHz	16QAM	26115	36RB#18	20.89	20.15	33.00	PASS
Band25	15MHz	16QAM	26115	75RB#0	20.98	20.24	33.00	PASS
Band25	15MHz	16QAM	26365	1RB#38	21.84	21.10	33.00	PASS
Band25	15MHz	16QAM	26365	1RB#74	22.20	21.46	33.00	PASS
Band25	15MHz	16QAM	26365	1RB#0	21.93	21.19	33.00	PASS
Band25	15MHz	16QAM	26365	36RB#18	21.07	20.33	33.00	PASS
Band25	15MHz	16QAM	26365	36RB#0	21.03	20.29	33.00	PASS
Band25	15MHz	16QAM	26365	36RB#39	21.03	20.29	33.00	PASS
Band25	15MHz	16QAM	26365	75RB#0	21.10	20.36	33.00	PASS
Band25	15MHz	16QAM	26615	1RB#74	21.75	21.01	33.00	PASS

Band25	15MHz	16QAM	26615	1RB#0	22.11	21.37	33.00	PASS
Band25	15MHz	16QAM	26615	1RB#38	21.64	20.90	33.00	PASS
Band25	15MHz	16QAM	26615	36RB#0	20.93	20.19	33.00	PASS
Band25	15MHz	16QAM	26615	36RB#39	21.12	20.38	33.00	PASS
Band25	15MHz	16QAM	26615	36RB#18	20.71	19.97	33.00	PASS
Band25	15MHz	16QAM	26615	75RB#0	20.91	20.17	33.00	PASS
Band25	20MHz	QPSK	26140	1RB#99	23.05	22.31	33.00	PASS
Band25	20MHz	QPSK	26140	1RB#49	23.35	22.61	33.00	PASS
Band25	20MHz	QPSK	26140	1RB#0	23.02	22.28	33.00	PASS
Band25	20MHz	QPSK	26140	50RB#25	22.06	21.32	33.00	PASS
Band25	20MHz	QPSK	26140	50RB#0	22.22	21.48	33.00	PASS
Band25	20MHz	QPSK	26140	50RB#50	22.15	21.41	33.00	PASS
Band25	20MHz	QPSK	26140	100RB#0	22.12	21.38	33.00	PASS
Band25	20MHz	QPSK	26365	1RB#99	23.06	22.32	33.00	PASS
Band25	20MHz	QPSK	26365	1RB#0	23.36	22.62	33.00	PASS
Band25	20MHz	QPSK	26365	1RB#49	23.01	22.27	33.00	PASS
Band25	20MHz	QPSK	26365	50RB#25	22.21	21.47	33.00	PASS
Band25	20MHz	QPSK	26365	50RB#0	22.27	21.53	33.00	PASS
Band25	20MHz	QPSK	26365	50RB#50	22.17	21.43	33.00	PASS
Band25	20MHz	QPSK	26365	100RB#0	22.17	21.43	33.00	PASS
Band25	20MHz	QPSK	26590	1RB#0	23.10	22.36	33.00	PASS
Band25	20MHz	QPSK	26590	1RB#49	23.34	22.60	33.00	PASS
Band25	20MHz	QPSK	26590	1RB#99	23.10	22.36	33.00	PASS
Band25	20MHz	QPSK	26590	50RB#0	22.23	21.49	33.00	PASS
Band25	20MHz	QPSK	26590	50RB#25	22.26	21.52	33.00	PASS
Band25	20MHz	QPSK	26590	50RB#50	22.13	21.39	33.00	PASS
Band25	20MHz	QPSK	26590	100RB#0	22.11	21.37	33.00	PASS
Band25	20MHz	16QAM	26140	1RB#0	22.08	21.34	33.00	PASS
Band25	20MHz	16QAM	26140	1RB#49	22.29	21.55	33.00	PASS
Band25	20MHz	16QAM	26140	1RB#99	22.07	21.33	33.00	PASS
Band25	20MHz	16QAM	26140	50RB#50	21.09	20.35	33.00	PASS
Band25	20MHz	16QAM	26140	50RB#0	21.22	20.48	33.00	PASS
Band25	20MHz	16QAM	26140	50RB#25	21.18	20.44	33.00	PASS
Band25	20MHz	16QAM	26140	100RB#0	21.12	20.38	33.00	PASS
Band25	20MHz	16QAM	26365	1RB#0	22.08	21.34	33.00	PASS
Band25	20MHz	16QAM	26365	1RB#49	22.39	21.65	33.00	PASS
Band25	20MHz	16QAM	26365	1RB#99	22.03	21.29	33.00	PASS
Band25	20MHz	16QAM	26365	50RB#0	21.26	20.52	33.00	PASS
Band25	20MHz	16QAM	26365	50RB#50	21.27	20.53	33.00	PASS
Band25	20MHz	16QAM	26365	50RB#25	21.23	20.49	33.00	PASS
Band25	20MHz	16QAM	26365	100RB#0	21.26	20.52	33.00	PASS
Band25	20MHz	16QAM	26590	1RB#0	21.95	21.21	33.00	PASS
Band25	20MHz	16QAM	26590	1RB#99	22.27	21.53	33.00	PASS
Band25	20MHz	16QAM	26590	1RB#49	21.92	21.18	33.00	PASS
Band25	20MHz	16QAM	26590	50RB#0	21.23	20.49	33.00	PASS
Band25	20MHz	16QAM	26590	50RB#25	21.25	20.51	33.00	PASS
Band25	20MHz	16QAM	26590	50RB#50	21.01	20.27	33.00	PASS
Band25	20MHz	16QAM	26590	100RB#0	21.16	20.42	33.00	PASS

Remark:

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

ERP [dBm] = Conducted Power [dBm] + Gain [dBd]

EIRP [dBm] = Conducted Power [dBm] + Gain [dBi]

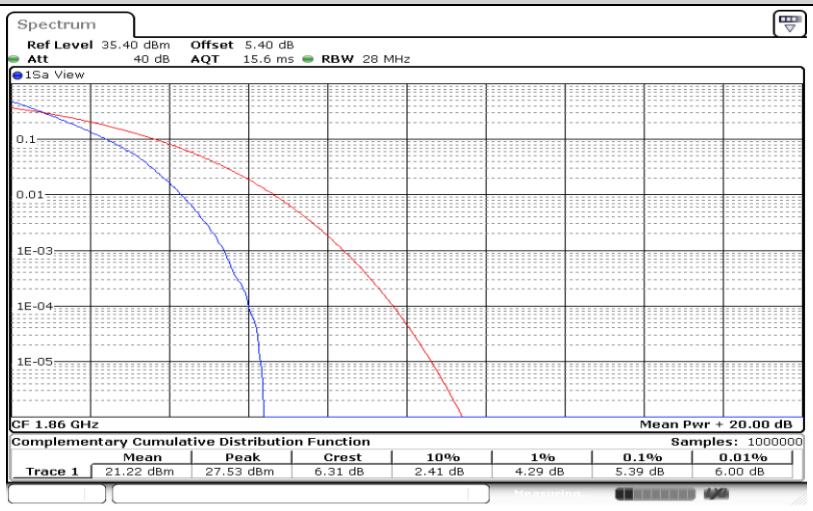
4. Peak-to-Average Ratio (CCDF)

4.1. Test Result

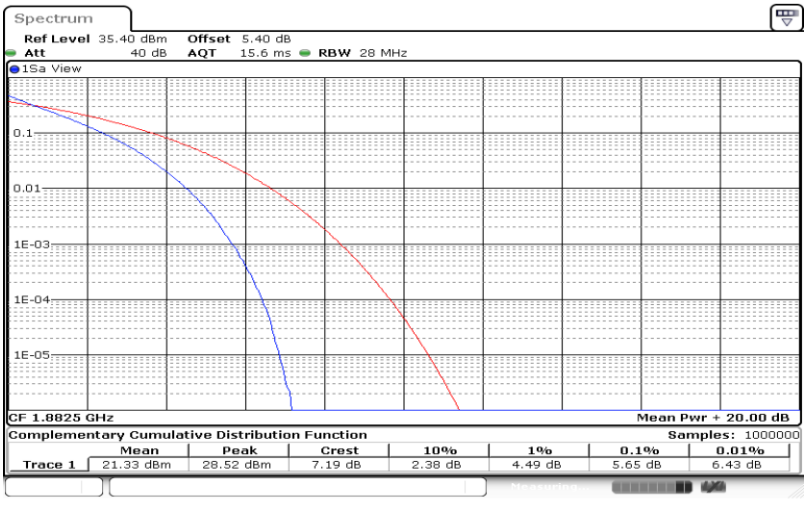
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band25	20MHz	QPSK	26140	100RB#0	5.39	13	PASS
Band25	20MHz	QPSK	26365	100RB#0	5.65	13	PASS
Band25	20MHz	QPSK	26590	100RB#0	5.57	13	PASS
Band25	20MHz	16QAM	26140	100RB#0	6.12	13	PASS
Band25	20MHz	16QAM	26365	100RB#0	6.35	13	PASS
Band25	20MHz	16QAM	26590	100RB#0	6.32	13	PASS

4.2. Test Plots

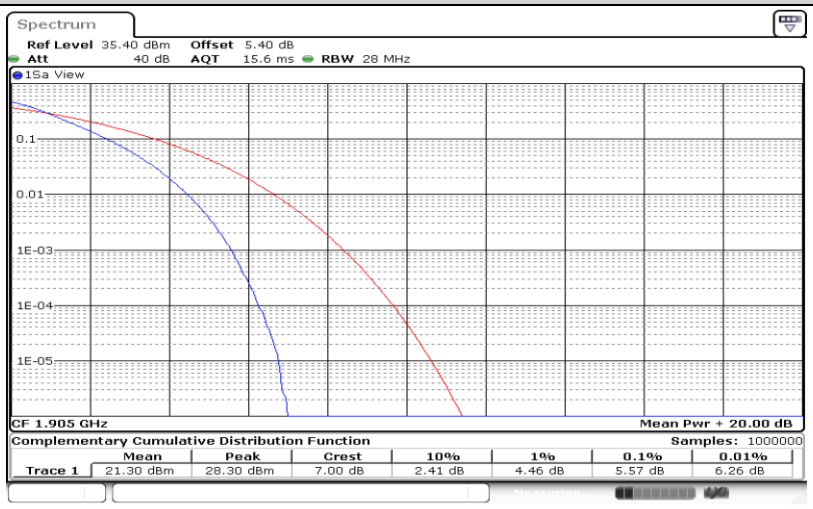
Band25-20MHz-QPSK-26140-100RB#0



Band25-20MHz-QPSK-26365-100RB#0

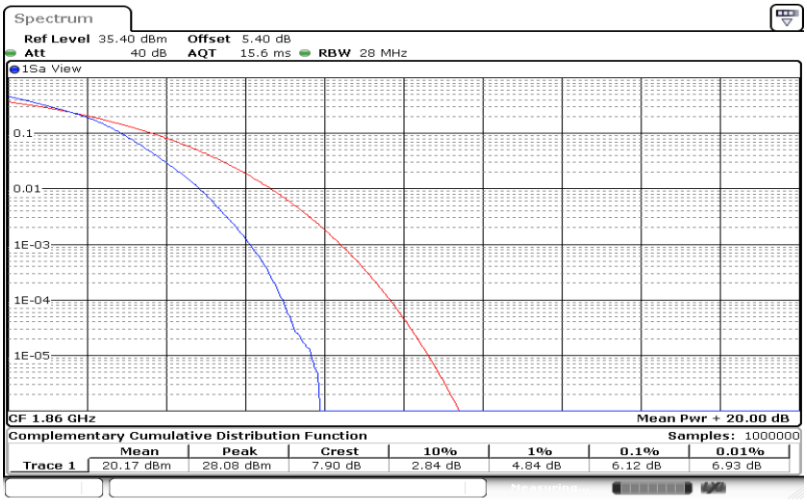


Band25-20MHz-QPSK-26590-100RB#0



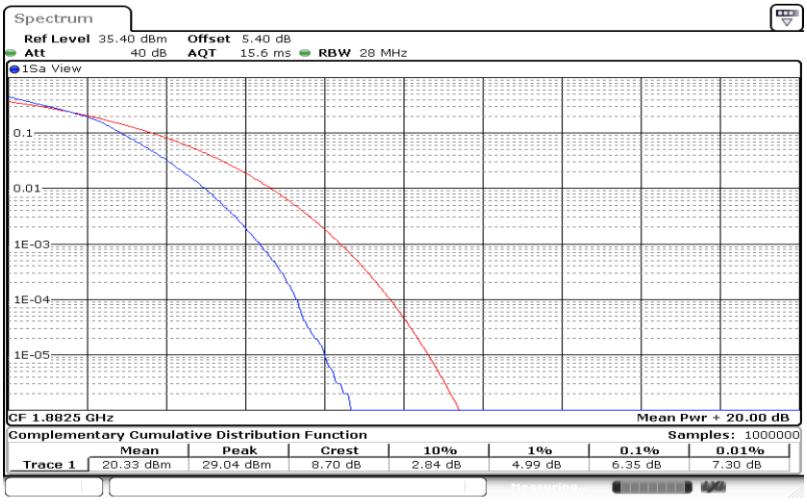
Date: 18.OCT.2019 10:24:52

Band25-20MHz-16QAM-26140-100RB#0



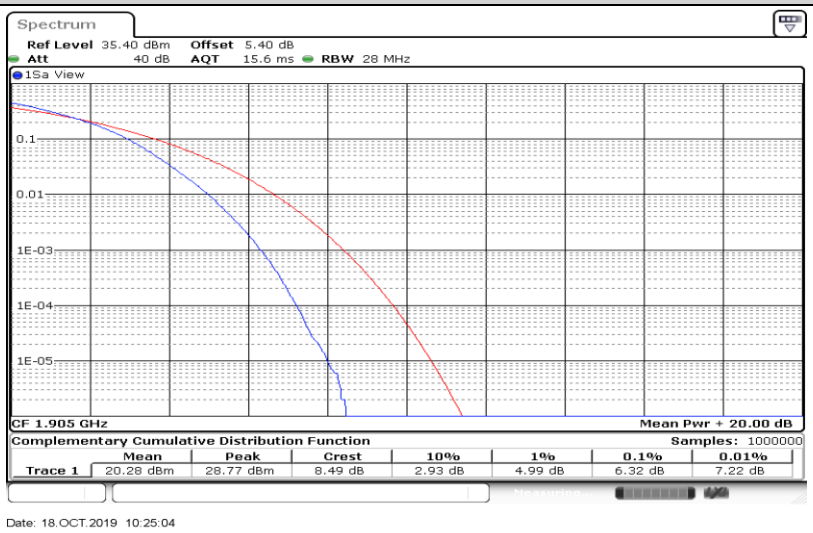
Date: 18.OCT.2019 10:24:18

Band25-20MHz-16QAM-26365-100RB#0



Date: 18.OCT.2019 10:24:41

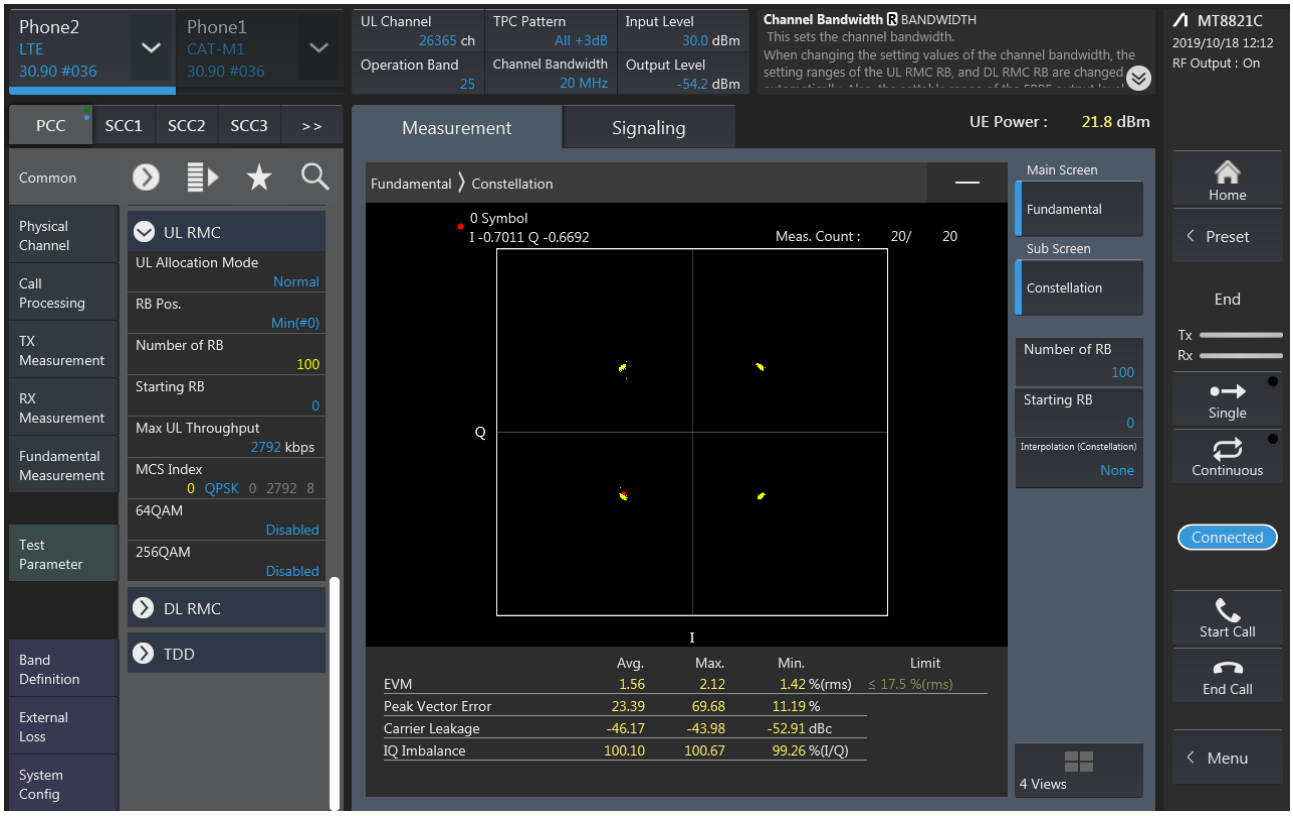
Band25-20MHz-16QAM-26590-100RB#0



5. Modulation Characteristics

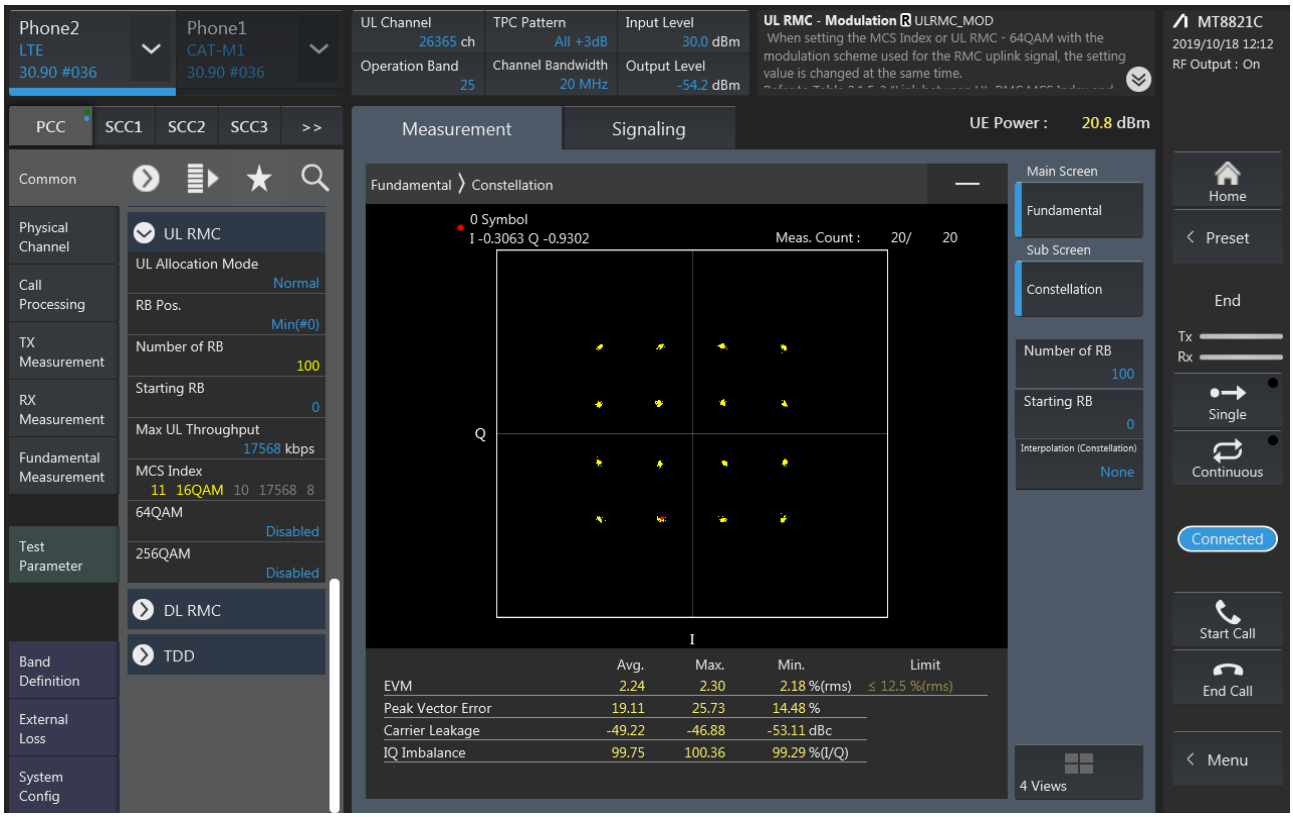
5.1. Test Mode = LTE /TM1 20MHz

5.1.1.Test Channel = MCH



5.2. Test Mode = LTE /TM2 20MHz

5.2.1.Test Channel = MCH



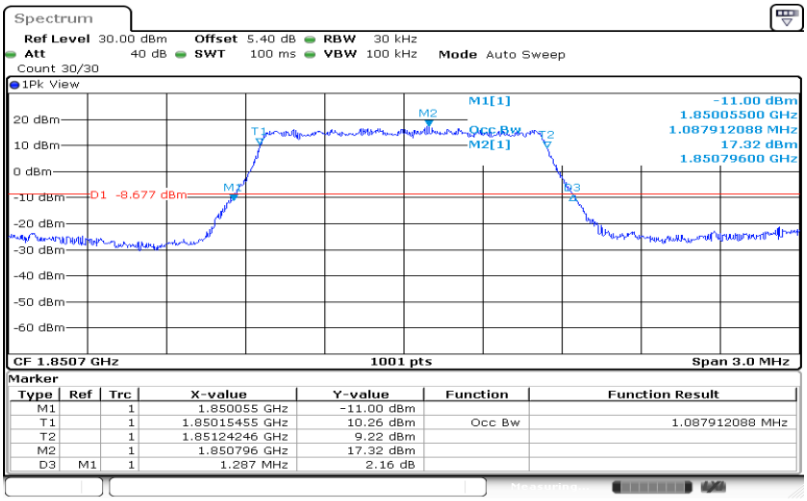
6. 26dB Bandwidth and Occupied Bandwidth

6.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band25	1.4MHz	QPSK	26047	6RB#0	1.088	1.287	PASS
Band25	1.4MHz	QPSK	26365	6RB#0	1.088	1.293	PASS
Band25	1.4MHz	QPSK	26683	6RB#0	1.088	1.287	PASS
Band25	1.4MHz	16QAM	26047	6RB#0	1.088	1.290	PASS
Band25	1.4MHz	16QAM	26365	6RB#0	1.091	1.302	PASS
Band25	1.4MHz	16QAM	26683	6RB#0	1.088	1.293	PASS
Band25	3MHz	QPSK	26055	15RB#0	2.685	2.928	PASS
Band25	3MHz	QPSK	26365	15RB#0	2.691	2.922	PASS
Band25	3MHz	QPSK	26675	15RB#0	2.685	2.928	PASS
Band25	3MHz	16QAM	26055	15RB#0	2.679	2.904	PASS
Band25	3MHz	16QAM	26365	15RB#0	2.673	2.904	PASS
Band25	3MHz	16QAM	26675	15RB#0	2.673	2.898	PASS
Band25	5MHz	QPSK	26065	25RB#0	4.486	5.050	PASS
Band25	5MHz	QPSK	26365	25RB#0	4.486	5.110	PASS
Band25	5MHz	QPSK	26665	25RB#0	4.476	5.070	PASS
Band25	5MHz	16QAM	26065	25RB#0	4.496	5.100	PASS
Band25	5MHz	16QAM	26365	25RB#0	4.486	5.170	PASS
Band25	5MHz	16QAM	26665	25RB#0	4.486	5.030	PASS
Band25	10MHz	QPSK	26090	50RB#0	8.931	9.940	PASS
Band25	10MHz	QPSK	26365	50RB#0	8.951	10.140	PASS
Band25	10MHz	QPSK	26640	50RB#0	8.951	9.920	PASS
Band25	10MHz	16QAM	26090	50RB#0	8.951	10.340	PASS
Band25	10MHz	16QAM	26365	50RB#0	8.951	9.940	PASS
Band25	10MHz	16QAM	26640	50RB#0	8.931	9.840	PASS
Band25	15MHz	QPSK	26115	75RB#0	13.457	15.120	PASS
Band25	15MHz	QPSK	26365	75RB#0	13.487	15.780	PASS
Band25	15MHz	QPSK	26615	75RB#0	13.487	14.940	PASS
Band25	15MHz	16QAM	26115	75RB#0	13.457	15.000	PASS
Band25	15MHz	16QAM	26365	75RB#0	13.487	15.150	PASS
Band25	15MHz	16QAM	26615	75RB#0	13.487	15.000	PASS
Band25	20MHz	QPSK	26140	100RB#0	17.862	19.760	PASS
Band25	20MHz	QPSK	26365	100RB#0	17.902	19.800	PASS
Band25	20MHz	QPSK	26590	100RB#0	17.902	19.600	PASS
Band25	20MHz	16QAM	26140	100RB#0	17.862	19.680	PASS
Band25	20MHz	16QAM	26365	100RB#0	17.942	19.720	PASS
Band25	20MHz	16QAM	26590	100RB#0	17.902	19.560	PASS

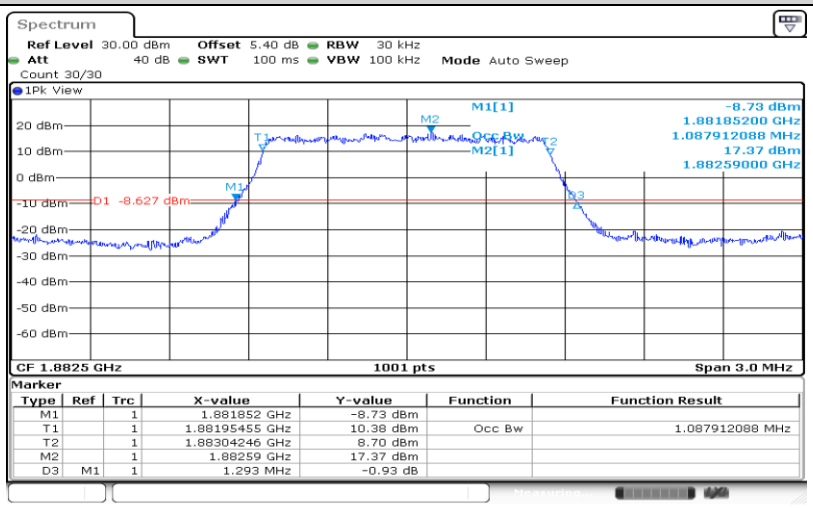
6.2. Test Plots

Band25-1.4MHz-QPSK-26047-6RB#0-1.088



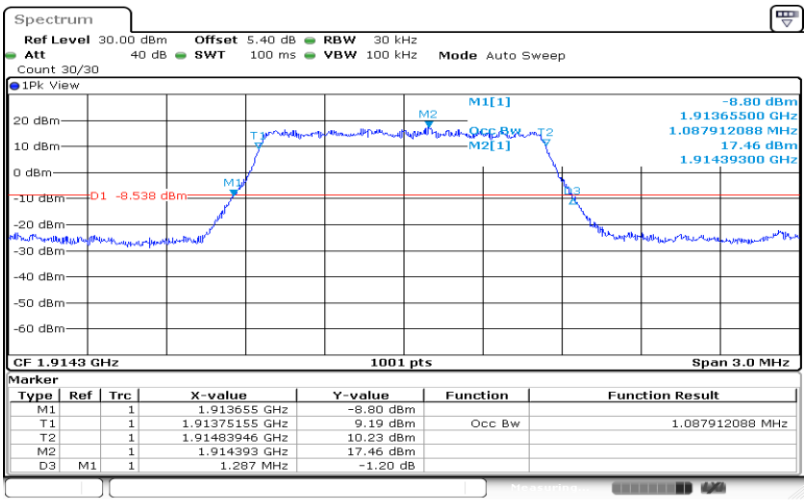
Date: 18.OCT.2019 09:54:54

Band25-1.4MHz-QPSK-26365-6RB#0-1.088



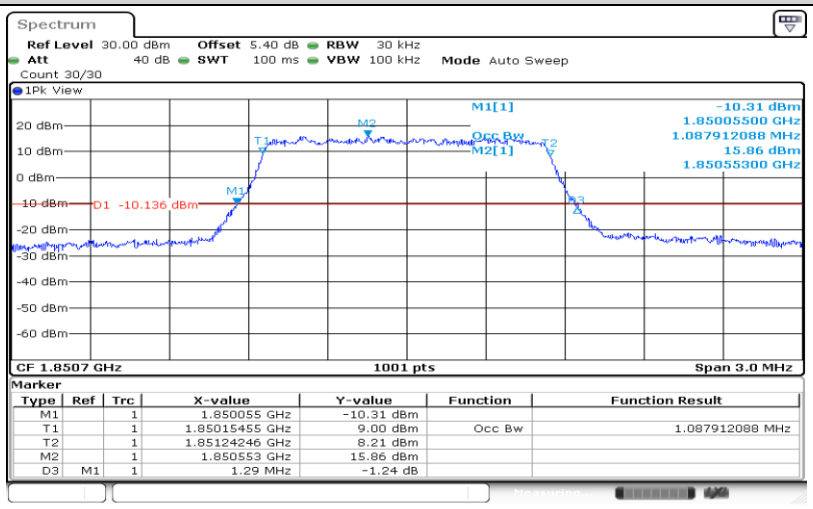
Date: 18.OCT.2019 09:55:21

Band25-1.4MHz-QPSK-26683-6RB#0-1.088



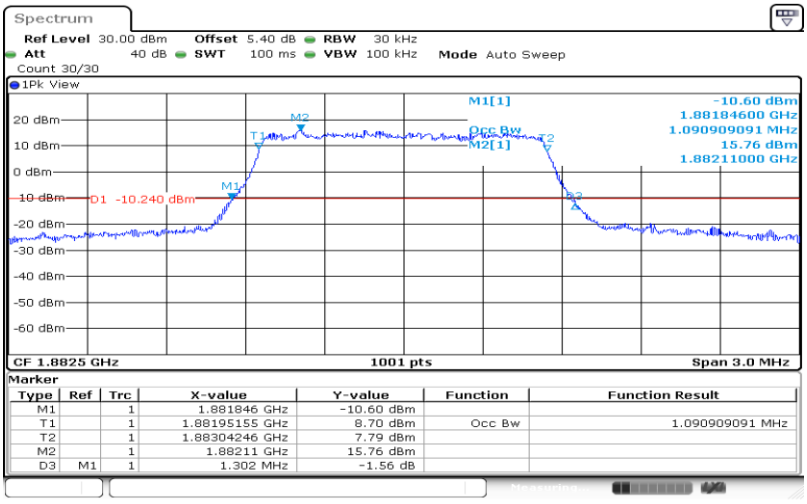
Date: 18.OCT.2019 09:55:47

Band25-1.4MHz-16QAM-26047-6RB#0-1.088



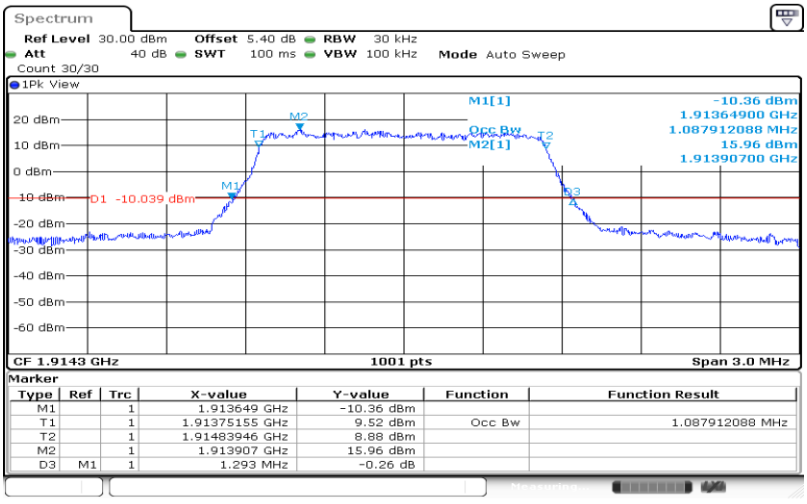
Date: 18.OCT.2019 09:55:07

Band25-1.4MHz-16QAM-26365-6RB#0-1.091



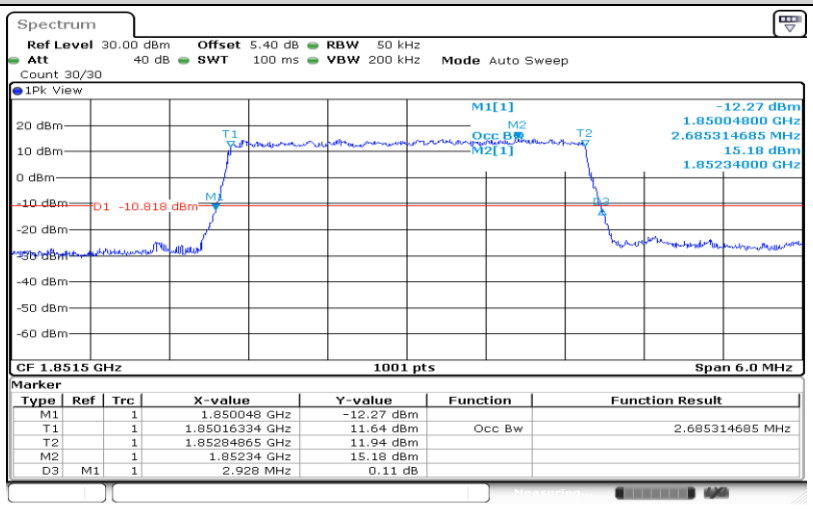
Date: 18.OCT.2019 09:55:33

Band25-1.4MHz-16QAM-26683-6RB#0-1.088



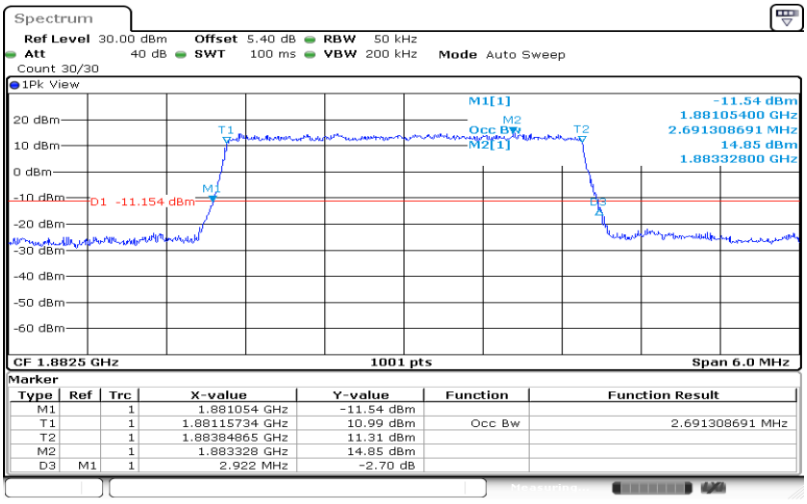
Date: 18.OCT.2019 09:55:59

Band25-3MHz-QPSK-26055-15RB#0-2.685



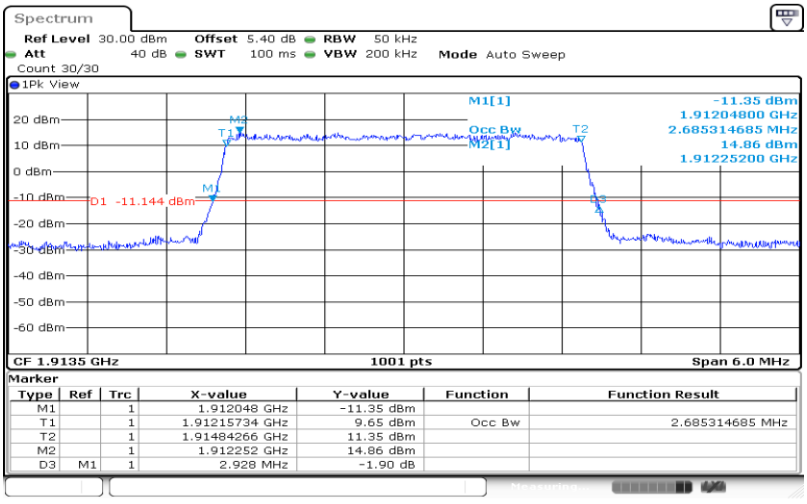
Date: 18.OCT.2019 09:56:17

Band25-3MHz-QPSK-26365-15RB#0-2.691



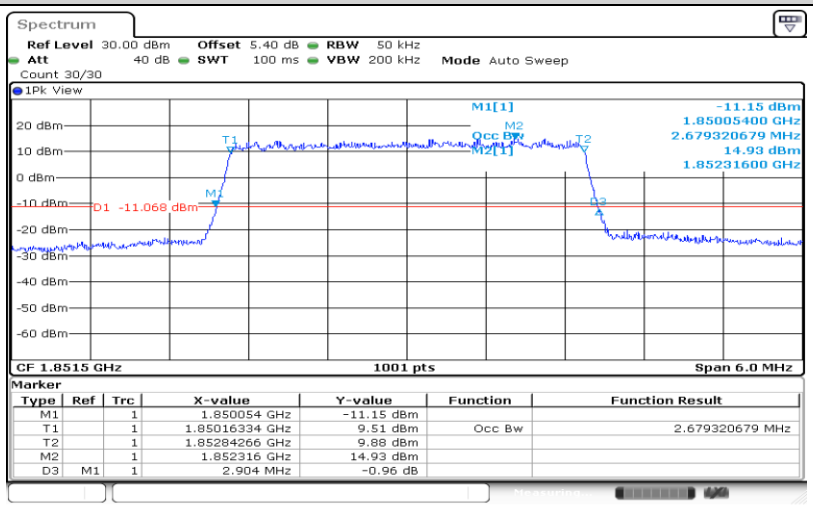
Date: 18.OCT.2019 09:56:43

Band25-3MHz-QPSK-26675-15RB#0-2.685



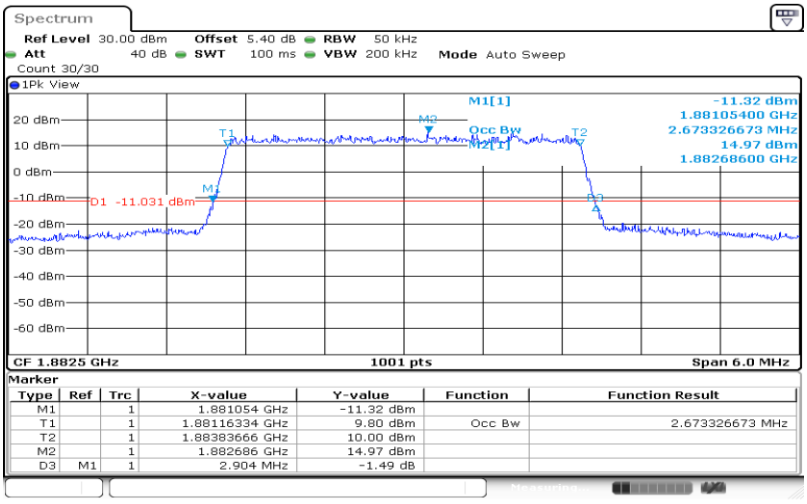
Date: 18.OCT.2019 09:57:09

Band25-3MHz-16QAM-26055-15RB#0-2.679



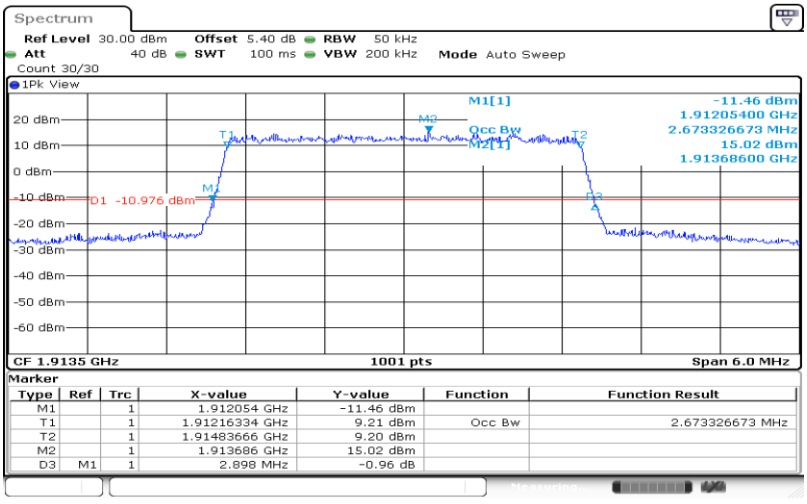
Date: 18.OCT.2019 09:56:30

Band25-3MHz-16QAM-26365-15RB#0-2.673



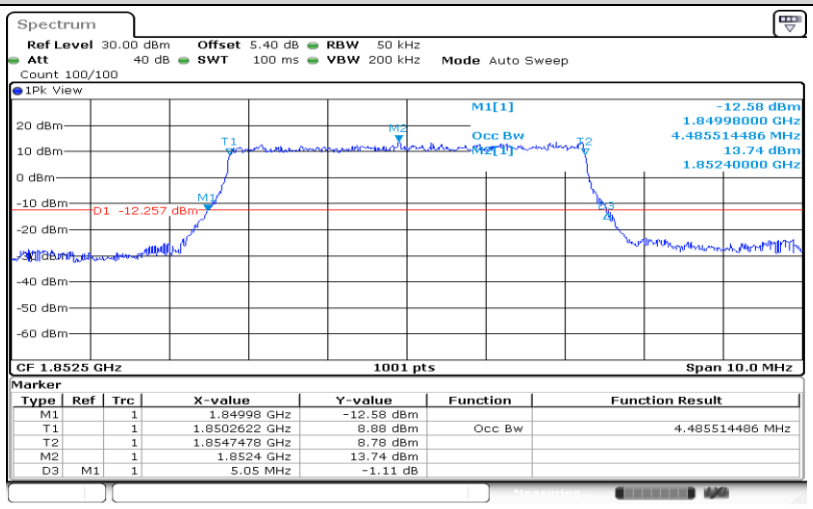
Date: 18.OCT.2019 09:56:56

Band25-3MHz-16QAM-26675-15RB#0-2.673



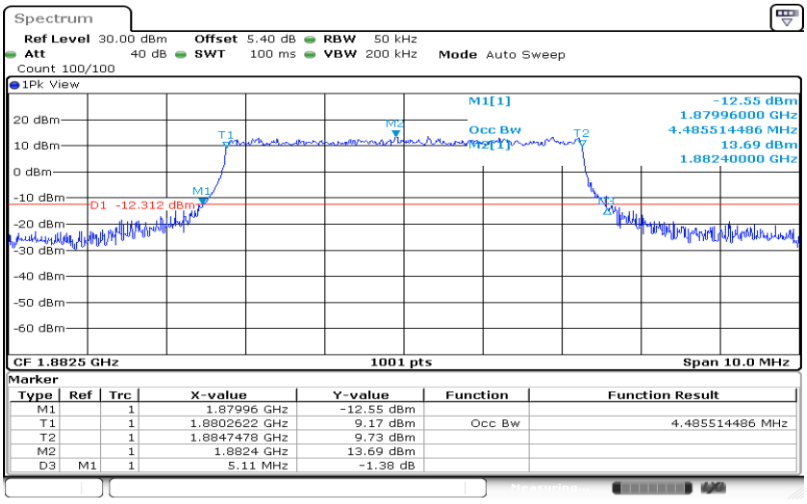
Date: 18.OCT.2019 09:57:22

Band25-5MHz-QPSK-26065-25RB#0-4.486



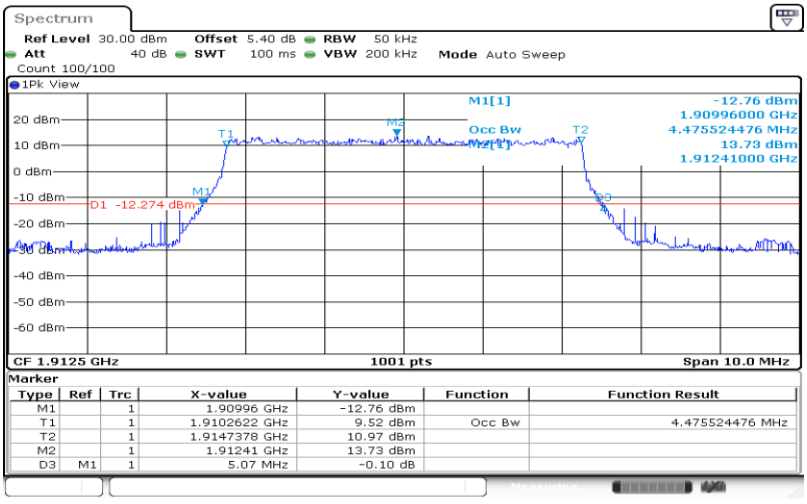
Date: 18.OCT.2019 09:57:46

Band25-5MHz-QPSK-26365-25RB#0-4.486



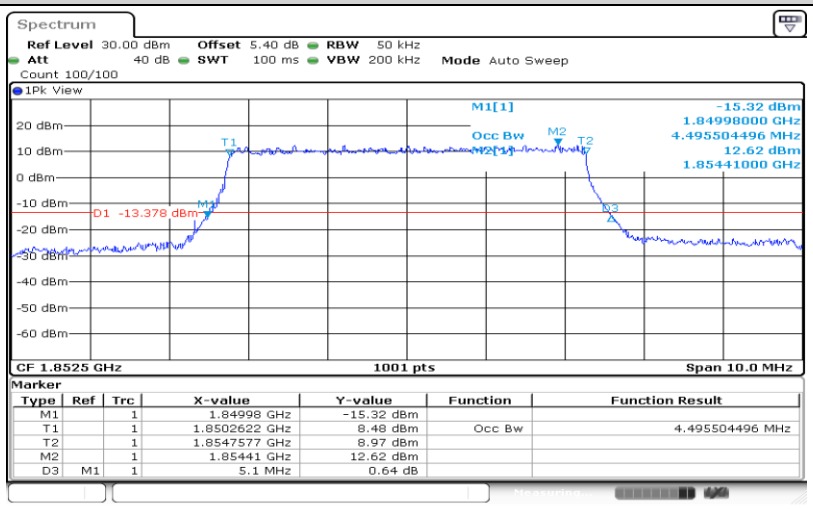
Date: 18.OCT.2019 09:58:27

Band25-5MHz-QPSK-26665-25RB#0-4.476



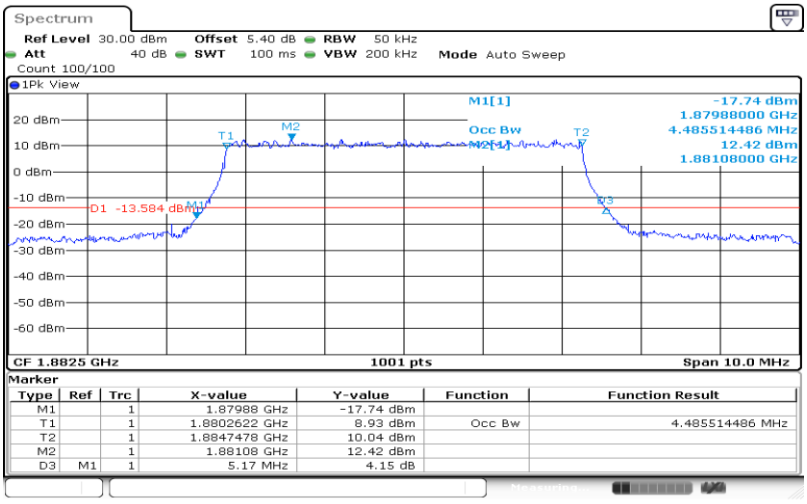
Date: 18.OCT.2019 09:59:07

Band25-5MHz-16QAM-26065-25RB#0-4.496



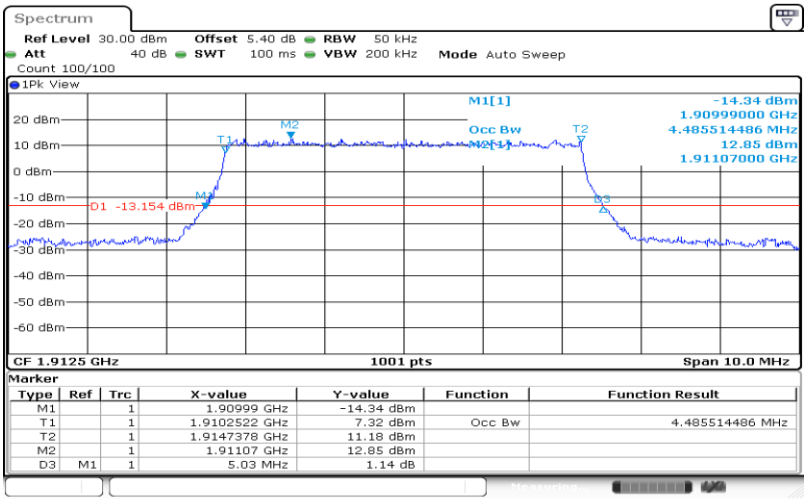
Date: 18.OCT.2019 09:58:06

Band25-5MHz-16QAM-26365-25RB#0-4.486



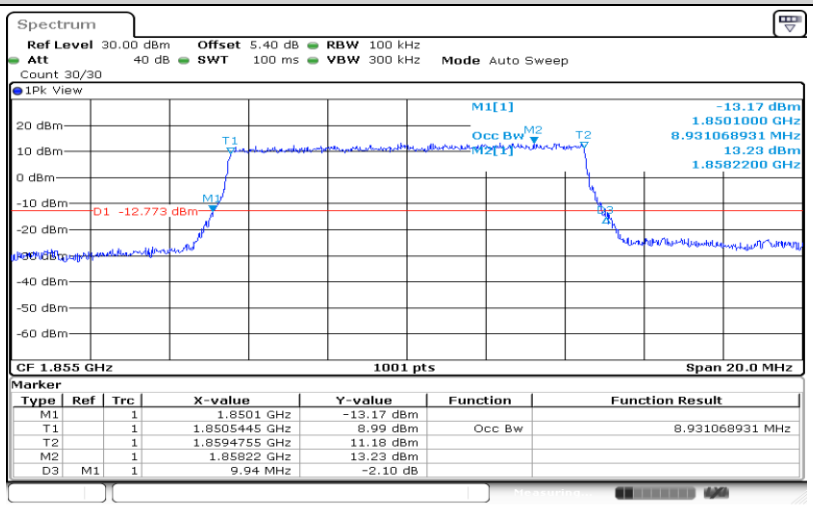
Date: 18.OCT.2019 09:58:47

Band25-5MHz-16QAM-26665-25RB#0-4.486



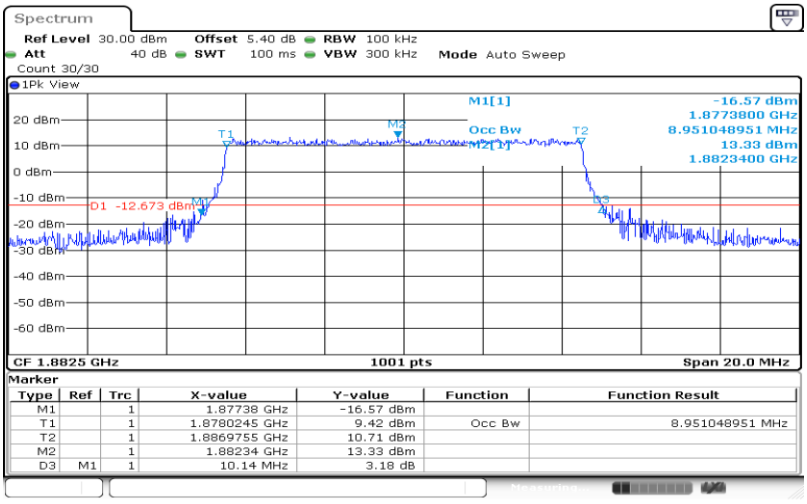
Date: 18.OCT.2019 09:59:27

Band25-10MHz-QPSK-26090-50RB#0-8.931



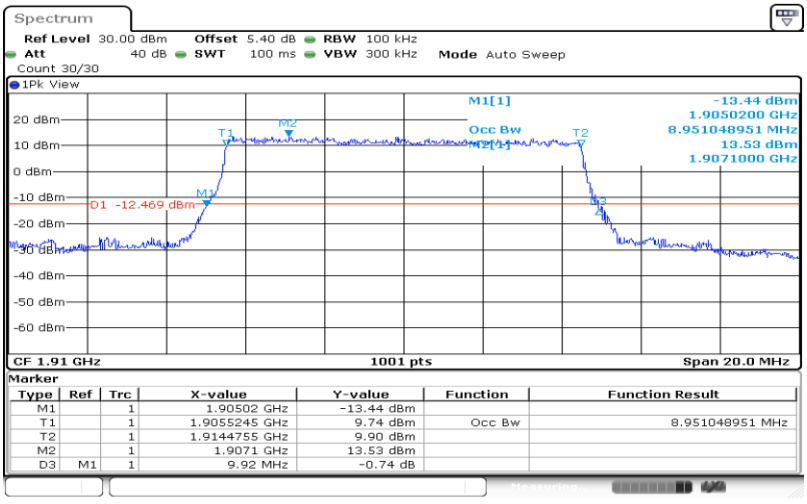
Date: 18.OCT.2019 09:59:44

Band25-10MHz-QPSK-26365-50RB#0-8.951



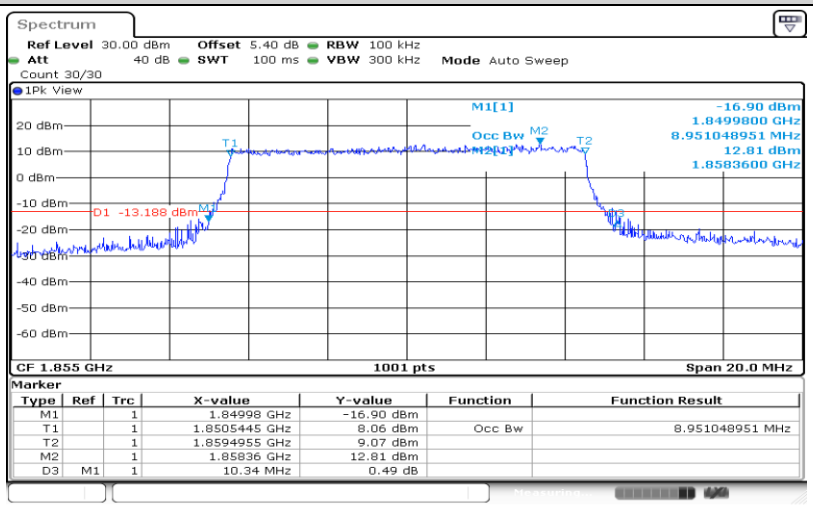
Date: 18.OCT.2019 10:00:11

Band25-10MHz-QPSK-26640-50RB#0-8.951



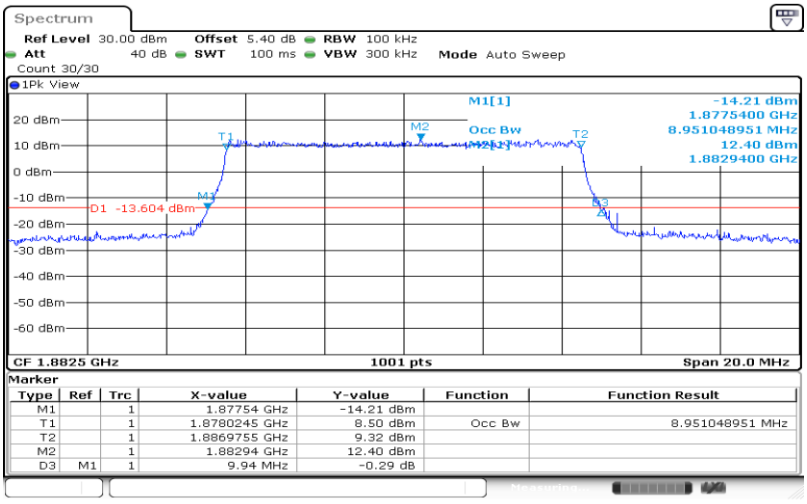
Date: 18.OCT.2019 10:00:36

Band25-10MHz-16QAM-26090-50RB#0-8.951



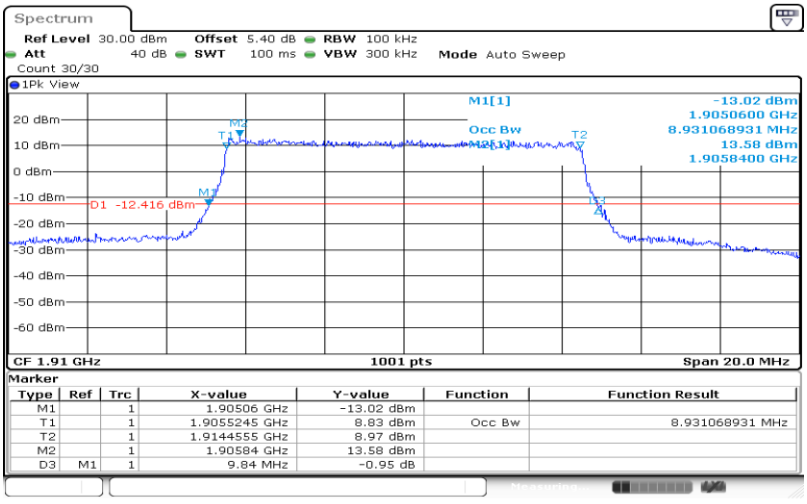
Date: 18.OCT.2019 09:59:57

Band25-10MHz-16QAM-26365-50RB#0-8.951



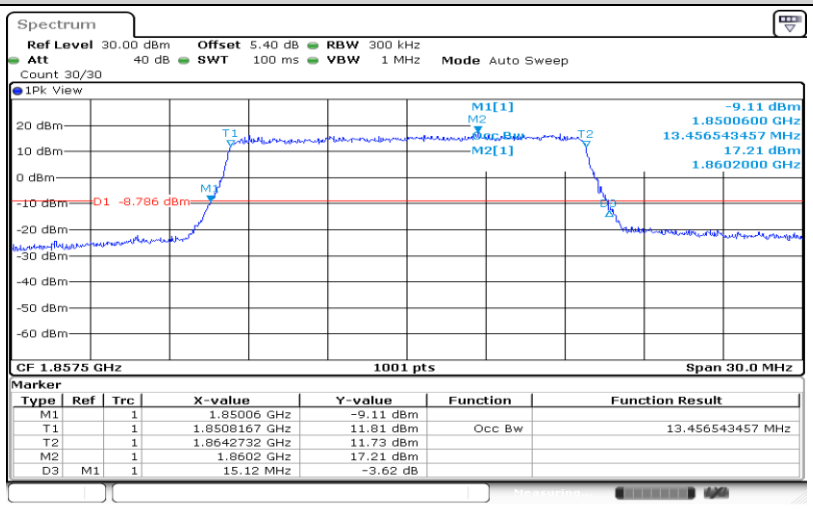
Date: 18.OCT.2019 10:00:23

Band25-10MHz-16QAM-26640-50RB#0-8.931



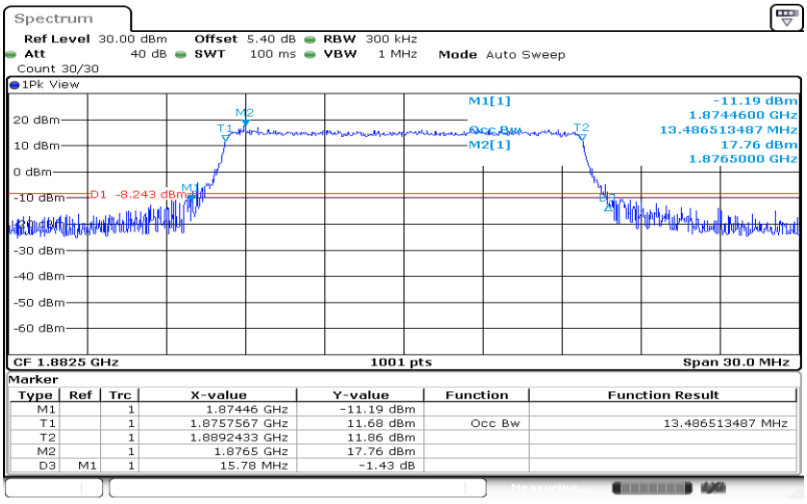
Date: 18.OCT.2019 10:00:49

Band25-15MHz-QPSK-26115-75RB#0-13.457



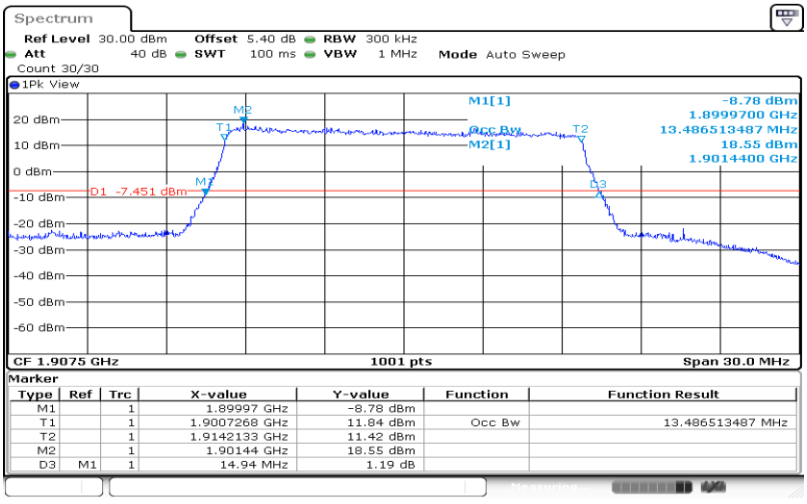
Date: 18.OCT.2019 10:01:07

Band25-15MHz-QPSK-26365-75RB#0-13.487



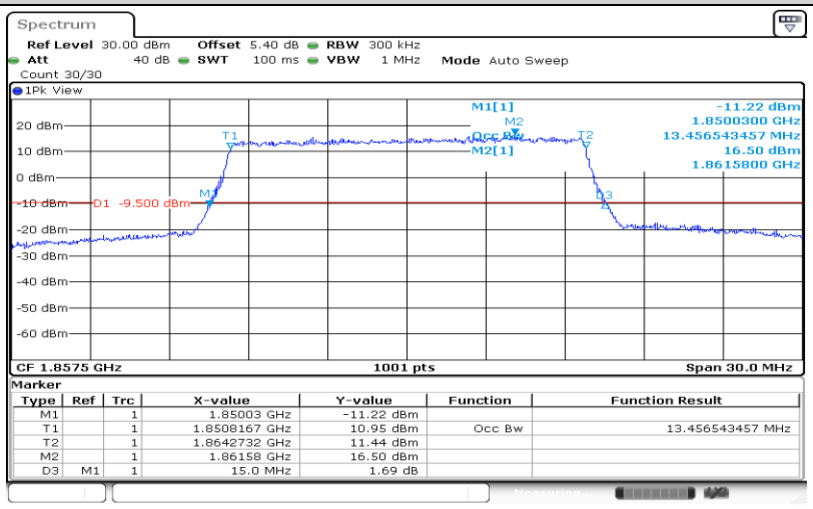
Date: 18.OCT.2019 10:01:34

Band25-15MHz-QPSK-26615-75RB#0-13.487



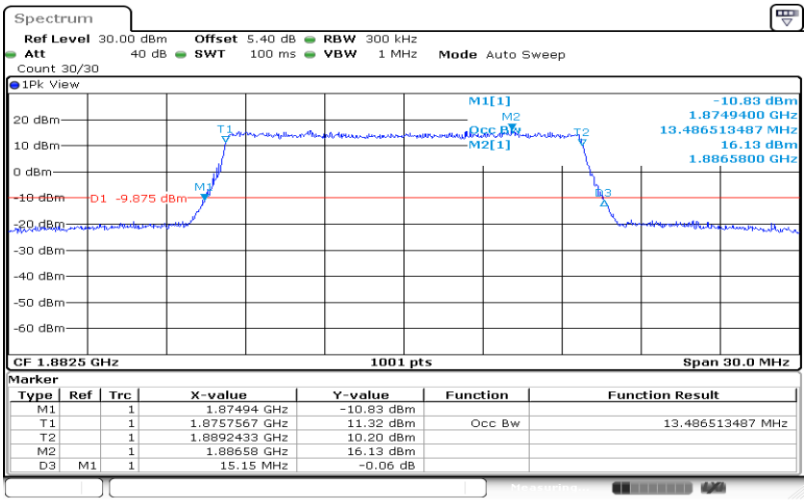
Date: 18.OCT.2019 10:02:00

Band25-15MHz-16QAM-26115-75RB#0-13.457



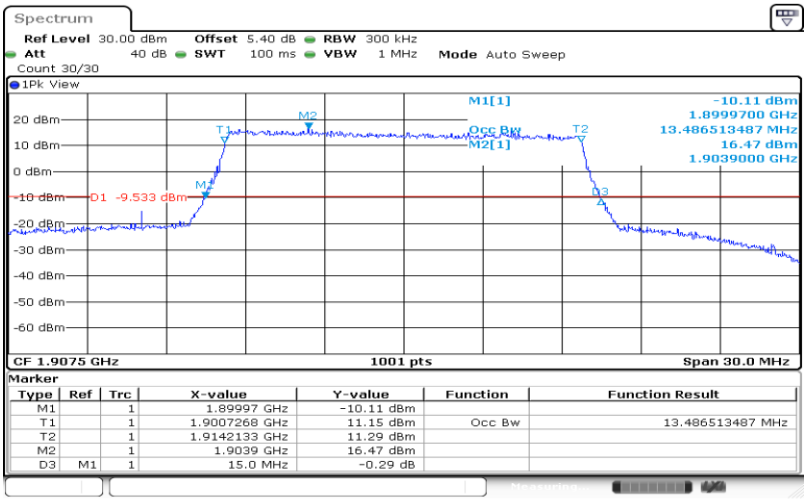
Date: 18.OCT.2019 10:01:20

Band25-15MHz-16QAM-26365-75RB#0-13.487



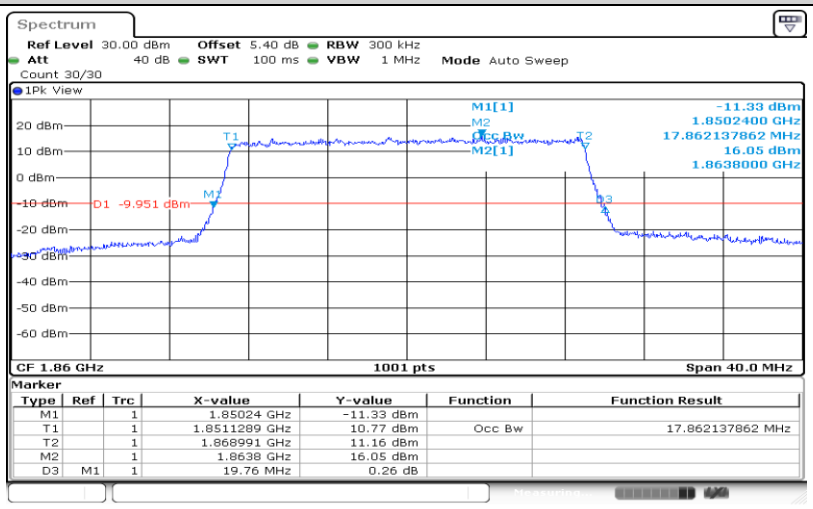
Date: 18.OCT.2019 10:01:46

Band25-15MHz-16QAM-26615-75RB#0-13.487



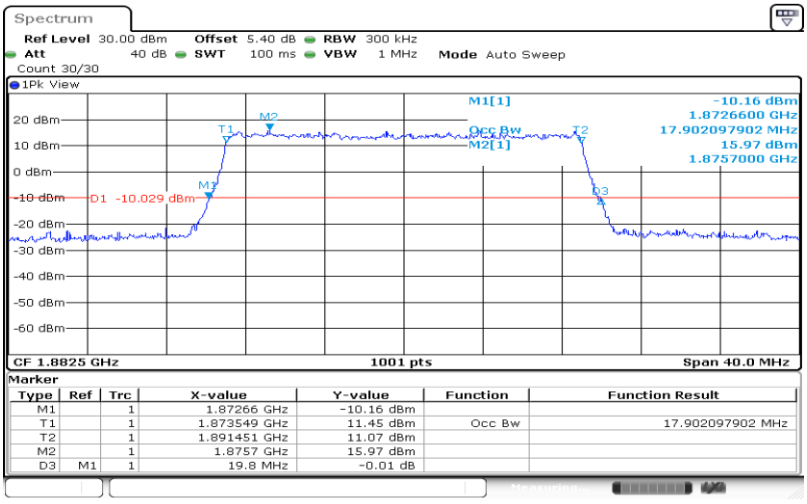
Date: 18.OCT.2019 10:02:12

Band25-20MHz-QPSK-26140-100RB#0-17.862



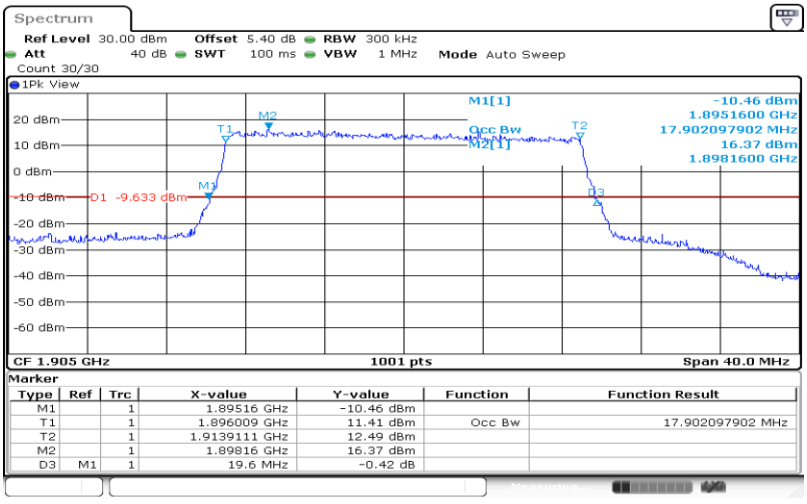
Date: 18.OCT.2019 10:02:30

Band25-20MHz-QPSK-26365-100RB#0-17.902



Date: 18.OCT.2019 10:02:56

Band25-20MHz-QPSK-26590-100RB#0-17.902



Date: 18.OCT.2019 10:03:22