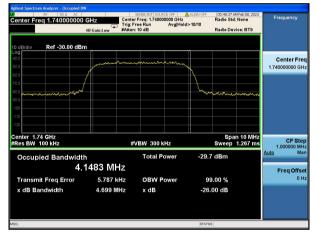
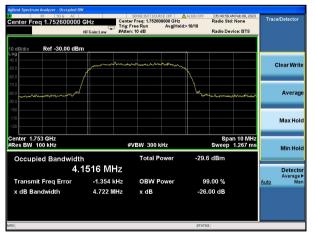


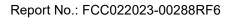
lent Spectrum Analyzer - Occupied BW RF 50 Ω AC Ponter Freq 1.712400000	GHz Cente	SENSE:IVIT SOURCE OFF / / er Freq: 1.712400000 GHz Free Run Avg Hold n: 10 dB	Radio Std: No	ne Frequency
dB/div Ref -30.00 dBm				
	Junan	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		Center Freq 1.712400000 GHz
o more home and			hanner	
enter 1.712 GHz tes BW 100 kHz	#	VBW 300 kHz	Span 1 Sweep 1.2	0 MHz 67 ms 1.000000 MHz
Occupied Bandwidth 4.1	369 MHz	Total Power	-29.5 dBm	Auto Man Freq Offset
Transmit Freq Error x dB Bandwidth	1.937 kHz 4.720 MHz	OBW Power x dB	99.00 % -26.00 dB	0 Hz

Lowest channel



Middle channel







4.6 MODULATION CHARACTERISTIC

According to FCC § 2.1047(d), Part 22H & 24E there is no specific requirement for digital modulation, therefore modulation characteristic is not presented.

4.7 Out of band emission at antenna terminals

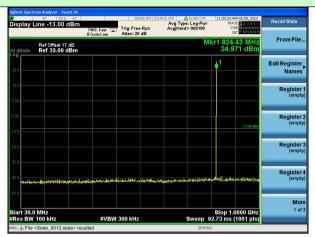
Test Requirement:	FCC part22.917(a) and FCC part24.238(a)		
Test Method:	FCC part2.1051		
Limit:	-13dBm		
Test setup:	EUT Splitter Communication Tester Filter SPA		
Test Procedure:	 Note: Measurement setup for testing on Antenna connector The RF output of the transceiver was connected to a spectrum analyzer through appropriate attenuation. The resolution bandwidth of the spectrum analyzer was set at 1MHz, sufficient scans were taken to show the out of band Emissions if any up to 10th harmonic. For the out of band: Set the RBW, VBW = 1MHz, Start=30MHz, Stop= 10th harmonic. Band Edge Requirements: In the 1 MHz bands immediately outside and adjacent to the frequency block, a resolution bandwidth of at least 1 percent of the emission bandwidth of the fundamental emission of the transmitter may be employed to measure the out of band Emissions. 		
Test Instruments:	Refer to section 5.0 for details		
Test mode:	Refer to section 6.1 for details		
Test results:	Pass		

Test plot as follows:

Note: During the conducted spurious emission test, a band filter was used. The information of the filter is reported at section 6.0 (refer to item 24, 25).



Test Mode: Traffic mode

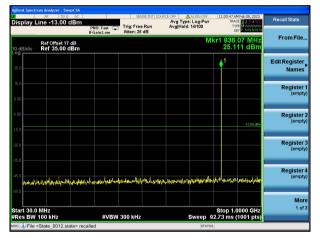


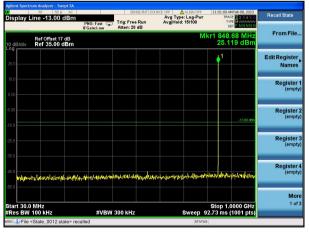
GSM 850 (GSM link)



Lowest channel





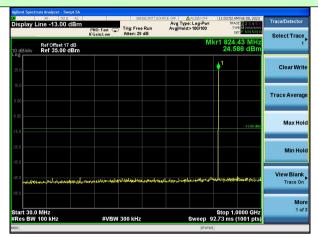


Middle channel





Test Mode: Traffic mode



GSM 850 (GPRS 1 link)











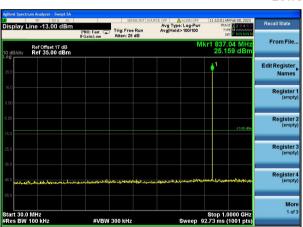
Middle channel





Test Mode: Traffic mode M RE 50 ລ AC Display Line -13.00 dBm Avg Type: Log-Pwr Avg Hold>100/100 Decall State PNO: Fast Trig: Free Run From File. 24.853 dB Ref Offset 17 dB Ref 35.00 dBm Edit Register Names Register 1 Register 2 Register Register 4 More 1 of 3 Start 30.0 MHz #Res BW 100 kHz Stop 1.0000 GHz Sweep 92.73 ms (1001 pts) #VBW 300 kHz

GSM 850 (EGPRS 1 link) ଅନ୍ମ ଅନ୍ମ ଅନ୍ମ AC Display Line -13.00 dBn Recall State Avg Type: Log-Pwr Avg Hold: 9/100 0: Fast Trig: Free Run From File 1 16.770 GH -26.501 dBi Ref Offset 17 dB Ref 35.00 dBm Edit Register Names Register (empty Register 2 **∮**¹ Register (empty Register 4 More 1 of 3 Start 1.000 GHz #Res BW 1.0 MHz Stop 20.000 GHz Sweep 47.53 ms (1001 pts) #VBW 3.0 MHz



Lowest channel



play Line -13.00 dBr Avg Type: Log-Pwr Avg Hold: 41/100 Recall State PNO: Fast Trig: Free Run From File. 848.68 MH 25.026 dB Ref Offset 17 dB Ref 35.00 dBm Edit Register Names Register 1 Register 2 Register: Register 4 More 1 of 3 Stop 1.0000 GHz Sweep 92.73 ms (1001 pts) Start 30.0 MHz #Res BW 100 kHz #VBW 300 kHz

 Log
 Edit Register

 Start 1.000 GHz
 #VBW 3.0 MHz

Edit Register 4
Register 4
(empty)
Register 4

Recall State

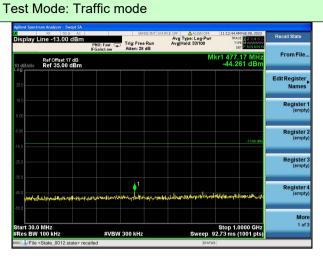
From File

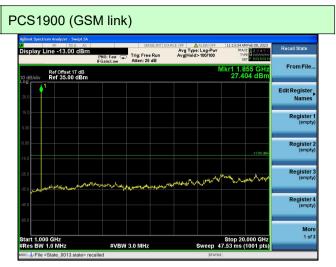
16.200 GH -25.842 dBi

Highest channel

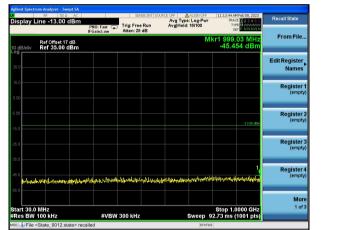
Middle channel



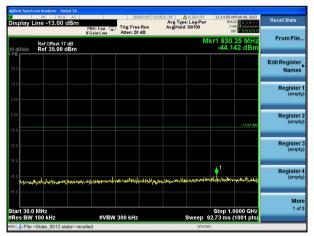




Lowest channel



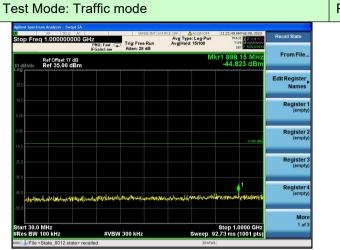




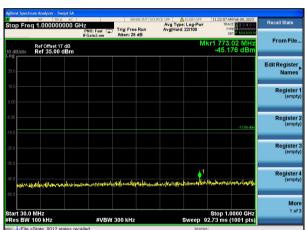
Middle channel







PCS1900 (GPRS 1 link) gtent Spectrum Anlayzer 300 AG SED 50 0 AG Stop Freq 20.000000000 GHz PN0: Fast C→ Atten: 28 dB Avg Type: Log-Pwr Avg Hold: 34/100 Recall State From File 1 1.855 GH 29.361 dBr Ref Offset 17 dB Ref 35.00 dBm Edit Register Names Register (empty Register 2 Register Register 4 More 1 of 3 Start 1.000 GHz #Res BW 1.0 MHz Stop 20.000 GHz Sweep 47.53 ms (1001 pts) #VBW 3.0 MHz



Lowest channel

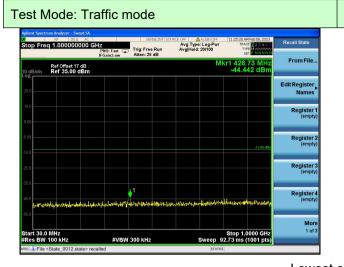


on Spectrum data year and a service of the service Avg Type: Log-Pwr Avg Hold: 16/100 Recall State From File. 1 889.42 MH -44.375 dB Ref Offset 17 dB Ref 35.00 dBm Edit Register Names Register 1 Register 2 Register 3 é Register 4 More 1 of 3 Stop 1.0000 GHz Sweep 92.73 ms (1001 pts) Start 30.0 MHz #Res BW 100 kHz #VBW 300 kHz

Middle channel





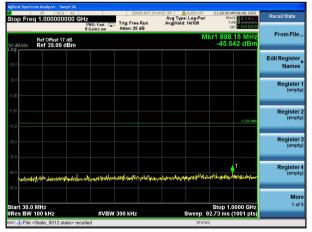












Middle channel

